

RECORD OF PROCEEDINGS
OF THE
BOARD OF TRUSTEES
OF THE
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1967 to June 30, 1968

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1967-1968

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	Term Beginning	Term Expiring
STANLEY C. ALLYN, ¹ Dayton.....	May 14, 1961	May 13, 1968
JOHN W. BRICKER, ² Columbus.....	May 14, 1962	May 13, 1969
BERTRAM D. THOMAS, ³ Columbus.....	October 13, 1965	May 13, 1970
JOHN G. KETTERER, Canton.....	October 18, 1963	May 13, 1971
FREDERICK E. JONES, Columbus.....	October 18, 1963	May 13, 1972
MERVIN B. FRANCE, Cleveland.....	September 16, 1964	May 13, 1973
JAMES W. SHOCKNESSY, Columbus.....	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine.....	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati.....	May 14, 1967	May 13, 1976
JOHN H. DUNLAP, Williamsport.....	May 14, 1968	May 13, 1977

¹ Filled the unexpired term of Charles F. Kettering who died November 25, 1958 (January 8, 1959-May 13, 1961)

² Served two previous terms (1948-1962)

³ Appointed to fill unexpired term of Carlton S. Dargusch; resigned October 11, 1965

OFFICERS

1967-1968

STANLEY C. ALLYN, *Chairman*

JOHN W. BRICKER, *Vice Chairman*

JOHN T. MOUNT, *Secretary*

GORDON B. CARSON, *Treasurer*

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 13, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, July 13, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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July 13, 1967 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

- A. Transfer of Property Located on South Bass Island, County of Ottawa, State of Ohio, from the U. S. Department of Health, Education, and Welfare to the Board of Trustees of The Ohio State University

To enable The Ohio State University to accept a tract of land located in close proximity to the biological science laboratory facilities at Put-in-Bay, President Fawcett recommended that the following resolution be adopted:

WHEREAS, certain real property owned by the United States, located in the County of Ottawa, State of Ohio, has been declared surplus and is subject to assignment for disposal for educational purposes by the Secretary of Health, Education and Welfare, under the provisions of Section 203(k)(1) of the Federal Property and Administrative Services Act of 1949 (63 stat. 377), as amended, and rules and regulations promulgated pursuant thereto, more particularly described as follows:

All of the tract or Lot of Land, situated in the Island of Put-in-Bay or South Bass Island in the County of Ottawa and State of Ohio described as follows, viz: That portion of the South West point of Put-in-Bay Island or South Bass Island lying west or southwest of a straight line across the said point of the said island in a direction approximately north 30° west or south 30° east and located by two stakes. First the stake near north-west extremity of the boundary line is at a distance of thirty five (35) feet in a northeasterly direction from the center of an iron wood tree with bushy and broken top and trunk about one foot in diameter; said stake is also fifty feet and nine inches (50'9") from center of maple stump eighteen inches (18"0) in diameter and thirty six and ninety five hundredths (36.95) feet distant from blazed post of wire fence stake is branded U. S. Second, the stake near southeast end of the boundary line is located near a straight line between two small peach trees and is at a distance of eight and forty five hundredths (8.45) feet from the most easterly of the two trees and at a distance of seven and twenty five hundredths (7.25) feet from the northwesterly of the two trees; the stake is also at a distance of forty one and twenty five hundredths (41.25) feet from a stump in a southwesterly part of lots twenty four and twenty five (24 and 25) range south of County Road and is bounded by the waters of Lake Erie, save on the northeasterly side which is bounded by the line described. The said tract as described contains two ± acres of land.

July 13, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Transfer of Property Located on South Bass Island, County of Ottawa, State of Ohio, from the U. S. Department of Health, Education, and Welfare to the Board of Trustees of The Ohio State University (continued)

WHEREAS, the Board of Trustees of The Ohio State University, needs and can utilize said property for education purposes in accordance with the requirements of said Act and the rules and regulations promulgated thereunder;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Trustees of The Ohio State University, shall make application to the Secretary of Health, Education, and Welfare for and secure the transfer to it of the above mentioned property for said use upon and subject to such exceptions, reservations, terms, covenants, agreements, conditions, and restrictions as the Secretary of Health, Education, and Welfare, or his authorized representative, may require in connection with the disposal of said property under said Act and the rules and regulations issued pursuant thereto; and

BE IT FURTHER RESOLVED that the Board of Trustees of The Ohio State University has legal authority, is willing and is in a position to assume immediate care and maintenance of the property, and that Novice G. Fawcett, President, or Gordon B. Carson, Vice President for Business and Finance, be and they are hereby authorized, for and on behalf of the Board of Trustees of The Ohio State University to do and perform all and any acts and things which may be necessary to carry out the foregoing resolution, including the preparing, making, and filing of plans, applications, reports, and other documents, the execution, acceptance, delivery, and recordation of agreements, deeds, and other instruments pertaining to the transfer of said property, and the payment of any and all sums necessary on account of the purchase price thereof or on account of fees or costs incurred in connection with the transfer of said property for surveys, title searches, appraisals, recordation of instruments, or escrow costs.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above resolution was adopted by unanimous roll call vote.

B. Designation of "Arnold Agricultural Credit Library"

Upon the proposal of Dean Roy M. Kottman, College of Agriculture and Home Economics, and with the concurrence of the President's Cabinet, President Fawcett recommended that the library of the Agricultural Finance Center in the Department of Agricultural Economics and Rural Sociology, located in Room 244 Agricultural Administration Building, 2120 Fyffe Road, be formally designated the "Arnold Agricultural Credit Library." This proposal is consistent with the purposes of the Carl R. Arnold Agricultural Development Fund, which was established ". . . to develop the agricultural credit library with the intent that it be formally designated the Arnold Agricultural Credit Library." Additionally, Dr. Arnold's library and files of invaluable original agricultural credit materials have been donated to the library by his widow.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous voice vote.

July 13, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision of Rule 49.03 of Rules for the University Faculty

On June 6, 1967, the Faculty Council supported the proposal of the Council on Academic Affairs that Rule 49.03 of Rules for the University Faculty be amended to clarify the residency requirement for a degree by adding the following words "on the Columbus Campus of" in Section (a). Section (a) of the Rule as amended will read as follows:

49.03. Requirements for an Undergraduate Degree.

To obtain an undergraduate degree from this University an undergraduate student must:

- a. Have completed a minimum of three quarters in full-time residence on the Columbus Campus of this University. . . ."

President Fawcett recommended that the above action of the Faculty Council be approved.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote, and the Secretary was instructed to make said revision in the Rules for the University Faculty.

D. Honorary Degrees

The Faculty Council on June 6, 1967, recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals:

Edwin O. Reischauer, U. S. Ambassador to Japan - Doctor of Laws

Prem Nath Thapar, Vice Chancellor of Punjab Agricultural University, Ludhiana, India - Doctor of Science

President Fawcett recommended that the Board of Trustees approve the awarding of honorary degrees to the above-identified persons.

Upon motion of Mr. France, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote.

E. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 1, 1967, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix I, page 133.)

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous roll call vote.

July 13, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Motor Vehicle, Traffic, Parking and Watercraft Regulations Affecting the Columbus and Branch Campuses

WHEREAS the Board of Trustees on June 10, 1965 established the "Motor Vehicle, Traffic, and Parking Regulations of The Ohio State University" and on September 8, 1966 adopted an amendment extending said Regulations to the branch campuses of The Ohio State University and to which it is now proposed that regulations for control of watercraft (particularly on the Olentangy River between Lane Avenue and King Avenue) be added as amendments thereto.

BE IT RESOLVED that the above become the "Motor Vehicle, Traffic, Parking and Watercraft Regulations of The Ohio State University" and are hereby adopted as the rules of the Board of Trustees of The Ohio State University regulating and controlling the use of motor vehicles and watercraft on the land and property and waterways of The Ohio State University wherever located.

BE IT FURTHER RESOLVED that the Secretary of the Board of Trustees of The Ohio State University is hereby authorized and directed to file this resolution and the "Motor Vehicle, Traffic, Parking and Watercraft Regulations of The Ohio State University" with the Secretary of the State of Ohio and to do and file such other and further papers and documents as may be necessary and proper to comply with Ohio Revised Code, Section 111.15 and to make these regulations binding and in force according to law.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above resolution was adopted by unanimous roll call vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the June 8, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Promotions, Appointment, Leaves of Absence Without Salary, and Emeritus Title:

A. Promotions

John D. Briggs promoted from Professor, Department of Zoology and Entomology, to Associate Dean, College of Biological Sciences, effective September 27, 1967, at a salary of \$20,868.00 per annum. Dr. Briggs will continue to hold the rank of Professor in the Department of Zoology and Entomology at "No Salary."

July 13, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

Matthew C. Dodd promoted from Professor, Department of Microbiology, to Professor and Chairman, Department of Microbiology, effective September 27, 1967, at a salary of \$22,872.00 per annum.

George S. Serif promoted from Professor, Department of Biochemistry, to Professor and Chairman, Department of Biochemistry, effective September 27, 1967, at a salary of \$14,268.00 per annum.

B. Appointment

Shiro Kobayashi, Visiting Professor (Battelle Professor of Metallurgy), Department of Metallurgical Engineering, effective September 27, 1967 through June 30, 1968, at a salary of \$24,993.00 for the period.

C. Leaves of Absence Without Salary

Metellus Eugene Cravens, Professor (part time - 51%), Department of Agricultural Economics and Rural Sociology, effective June 15, 1967 through October 15, 1967, to work in East Pakistan for the World Bank and the Pakistanian government.

John W. Sharp, Professor (part time - 26%), Department of Agricultural Economics and Rural Sociology, effective June 15, 1967 through October 15, 1967, to work in East Pakistan for the World Bank and the Pakistanian government.

Howard L. Steele, Associate Professor (part time - 48%), Department of Agricultural Economics and Rural Sociology, effective July 1, 1967 through July 31, 1967, to assist the U.S. /AID mission in Brazil.

Stuart L. Petrie, Assistant Professor, Department of Aeronautical and Astronautical Engineering, effective July 17, 1967 through August 31, 1967, to participate in a research study at Cornell University Aeronautical Laboratory.

Ronald C. Sheck, Assistant Professor, Department of Geography, effective October 1, 1967 through September 30, 1968, to do research in Guatemala.

Peggy Coleman Wilson, Instructor, School of Allied Medical Services, effective June 16, 1967 through September 10, 1967, for personal reasons.

July 13, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Emeritus Title

Wilbur L. Marshall, College of Dentistry, with the title
Associate Professor Emeritus, effective July 1, 1967.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the Promotions, Appointment, Leaves of Absence Without Salary, Emeritus Title, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting:

1. Government Contracts - Federal

- a1. Department of Health, Education, and Welfare, Public Health Service, Washington, D. C., To Train Cytotechnologists (to be known as Public Health Service Project No. 1154 - Ext. #7 - Department of Pathology).
Gross Value - \$24,500.00.
- a2. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, An Investigation of Dental Writing (to be known as National Institutes of Health Project No. 1169 - Ext. #6 - School of Journalism).
Gross Value - \$24,977.00.
- a3. Department of Health, Education, and Welfare, Bureau of Disease Prevention and Environmental Control, Bethesda, Maryland, Milk Protein Changes at Elevated Temperatures (to be known as Bureau of Disease Prevention and Environmental Control Project No. 1264 - Ext. #6 - Department of Dairy Technology).
Gross Value - \$22,177.00.
- a4. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mechanism of Biosynthesis of Heteropolysaccharides (to be known as National Institutes of Health Project No. 1541 - Ext. #4 - Department of Biochemistry).
Gross Value - \$29,933.00.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a5. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Cross-Cultural Study of Dissociational States (to be known as National Institutes of Health Project No. 1652 - Ext. #4 - Department of Sociology and Anthropology).
Gross Value - \$44,414.00.
- a6. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypic Behaviors (to be known as National Institutes of Health Project No. 1653 - Ext. #3 - College of Pharmacy).
Gross Value - \$20,168.00.
- a7. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in the Iron-Nickel-Chromium Alloy System (to be known as U. S. Atomic Energy Commission Project No. 1673-A - Mod. #4 - Department of Metallurgical Engineering).
Gross Value - \$9,000.00.
- a8. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Chondroitin Sulfate in Cervical Tissue (to be known as National Institutes of Health Project No. 1756 - Ext. #3 - Department of Obstetrics and Gynecology).
Gross Value - \$21,641.00.
- a9. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Inherited Caries Resistance in Gnotobiotic Animals (to be known as National Institutes of Health Project No. 1843 - Ext. #3 - College of Dentistry).
Gross Value - \$29,244.00.
- a10. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, A Comparative Study of Anomie in the Kibbutz (to be known as National Institutes of Health Project No. 1956 - Ext. #2 - Department of Psychiatry).
Gross Value - \$4,829.00.
- a11. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hydrophilic Colloid Interactions in Milk Systems (to be known as National Institutes of Health Project No. 2037 - Ext. #2 - Department of Dairy Technology).
Gross Value - \$26,275.00.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a12. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as National Institutes of Health Project No. 2049 - Sup. #4 - Department of Veterinary Pathology).
Gross Value - \$96,400.00.
- a13. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, The Role of Estrogen in the Endometrium (to be known as National Institutes of Health Project No. 2050 - Sup. #1 - Department of Obstetrics and Gynecology).
Gross Value - \$2,790.00.
- a14. Office of Civil Defense, Department of Army, Washington, D. C., Study of the Latest Trends in the Design of Small Blast Shelters (to be known as Office of Civil Defense Project No. 2059 - Mod. #5 - Engineering Experiment Station).
Gross Value - \$7,500.00.
- a15. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Study and Experimentation of Satellite Communication Links (to be known as Systems Engineering Group, Research and Technology Division Project No. 2162 - Sup. #3 - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- a16. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Plasma Diagnostic Techniques and Generation Use in Flight Control Division's Plasma Facility (to be known as Systems Engineering Group, Research and Technology Division Project No. 2196 - Sup. #1 - Department of Physics).
Gross Value - \$14,900.00.
- a17. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Methods of Diagnosis and Control of Cancer of the Cervix in the Medically Indigent Population of Columbus (to be known as Bureau of State Services Project No. 2224 - Ext. #1 - Departments of Pathology and Obstetrics and Gynecology).
Gross Value - \$90,004.00.
- a18. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Development of an ERIC Clearinghouse (to be known as Office of Education Project No. 2228 - Amend. #1 - School of Education).
Gross Value - \$134,056.00.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a19. Department of Health, Education, and Welfare, Bureau of State Services, Washington, D. C., Community Health (to be known as Bureau of State Services Project No. 2230 - Ext. #1 - Department of Pathology).
Gross Value - \$25,020.00.
- a20. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Development of a Membrane Oxygenator (to be known as National Institutes of Health Project No. 2232 - Ext. #1 - Department of Surgery).
Gross Value - \$22,065.00.
- a21. Systems Engineering Group, AFSC, Wright-Patterson Air Force Base, Ohio, (U) Advanced Radar Reflector Studies (to be known as Systems Engineering Group Project No. 2240 - Sup. #2 - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- a22. Department of the Army, Defense Supply Services, Washington, D. C., Cytological Studies (to be known as Defense Supply Services Project No. 2285 - Mod. #2 - Department of Pathology).
Gross Value - \$34,822.00.
- a23. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Intestinal Absorption of Iron (to be known as National Institutes of Health Project No. 2287 - Ext. #1 - Department of Medicine).
Gross Value - \$12,982.00.
- a24. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mucosal Effects of Gastric and Intestinal Resection (to be known as National Institutes of Health Project No. 2288 - Ext. #1 - Department of Surgery).
Gross Value - \$23,557.00.
- a25. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Cellular Localization of Gastrin (to be known as National Institutes of Health Project No. 2295 - Ext. #1 - Department of Pathology).
Gross Value - \$19,502.00.
- a26. U. S. Army Research Office - Durham, Durham, North Carolina, 6262-C Steric Effects on Reaction Mechanisms (to be known as U. S. Army Research Office - Durham Project No. 2304 - Sup. #1 - Department of Chemistry).
Gross Value - \$38,000.00.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a27. U. S. Army Missile Command, Redstone Arsenal, Alabama, Land Combat Models (to be known as U. S. Army Missile Command Project No. 2376 - Mod. #1 - Engineering Experiment Station).
Gross Value - \$89,427.00.
- a28. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Systems Engineering Group, Research and Technology Division Project No. 2414 - Mod. #1 - RF Internal Supervision).
Gross Value - \$30,000.00.
- a29. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Nucleic Acid and Protein Synthesis in Acanthamoeba (to be known as National Institutes of Health Project No. 2437 - New - Department of Zoology and Entomology).
Gross Value - \$43,423.00.
- a30. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Control of Thyroid Intermediary Metabolism (to be known as National Institutes of Health Project No. 2445 - New - Department of Biochemistry).
Gross Value - \$23,056.00.
- a31. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Study of the Construct Validity of Teaching Situation Reaction Test (to be known as Office of Education Project No. 2446 - New - School of Education).
Gross Value - \$6,371.00.
- a32. Department of Health, Education, and Welfare, Bureau of Health Services, Arlington, Virginia, Self Medication and Community Health (to be known as Bureau of Health Services Project No. 2448 - New - College of Pharmacy).
Gross Value - \$39,063.00.
- a33. National Science Foundation, Washington, D. C., Conference on the Current State of Econometrics (to be known as National Science Foundation Project No. 2449 - New - Department of Economics).
Gross Value - \$3,350.00.
- a34. National Center for Radiological Health, Bethesda, Maryland, Aminothionmides as Radiation Protective Agents (to be known as National Center for Radiological Health Project No. 2450 - New - College of Pharmacy).
Gross Value - \$6,006.00.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a35. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , A Study of Counselor Bias in Relation to Client Preference and Acceptance (to be known as Office of Education Project No. 2452 - New - School of Education).
Gross Value - \$8,003.00.
- a36. Department of Health, Education, and Welfare, Office of Education, Washington, D. C. , The Development of a Syllabus of Historical Materials for Teaching Dance History at the College Level (to be known as Office of Education Project No. 2454 - New - Department of Physical Education - Women's Division).
Gross Value - \$9,947.00.
- a37. National Science Foundation, Washington, D. C. , Earthquake Effects on Sherman Glacier, Alaska (to be known as National Science Foundation Project No. 2455 - New - Institute of Polar Studies).
Gross Value - \$20,100.00.
- a38. Air Force Missile Development Center, Holloman Air Force Base, New Mexico, High Velocity Rail Damage Study (to be known as Air Force Missile Development Center Project No. 2456 - New - Department of Engineering Mechanics).
Gross Value - \$52,611.00.
- a39. U. S. Department of Agriculture, New Orleans, Louisiana, A Study of Non-enzymic Browning in Model Systems to Develop Methods of Blocking the Reactions Involved in Flavor Deterioration of Orange Juice Crystals (to be known as U. S. Department of Agriculture Project No. 2458 - New - Department of Chemistry).
Gross Value - \$51,397.00.
- a40. National Science Foundation, Washington, D. C. , Completion of Flat Reflector of OSU Radio Telescope (to be known as National Science Foundation Project No. 2461 - New - Department of Electrical Engineering).
Gross Value - \$88,400.00.
- a41. Department of Health, Education, and Welfare, Bureau of Health Services, Arlington, Virginia, Exploratory Study: Factors Affecting Health Power (to be known as Bureau of Health Services Project No. 2462 - New - Department of Anatomy).
Gross Value - \$29,793.00.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a42. 2750th ABW-EWPB, Wright-Patterson Air Force Base, Ohio, Five-Day Course "Laser Technology and Hazards" (to be known as 2750th Air Base Wing Project No. 2463 - New - Department of Electrical Engineering).
Gross Value - \$5,971.00.
- a43. U. S. Department of Interior, Fish and Wildlife Service, Washington, D. C., Translocation and Bioaccumulation of C1-36 DDT in a Terrestrial System (to be known as U. S. Department of Interior, Fish and Wildlife Service Project No. 2464 - Amend. #1 - Department of Zoology and Entomology).
Gross Value - \$26,814.00.
- a44. National Science Foundation, Washington, D. C., A Program of Study in Quantum Field Theory (to be known as National Science Foundation Project No. 2466 - New - Department of Physics).
Gross Value - \$19,000.00.
- a45. Air Force Office of Scientific Research, Arlington, Virginia, Research in the Radar Reflecting Properties of Discrete Target in the Presence of an Interfering Medium (to be known as Air Force Office of Scientific Research Project No. 2467 - New - Department of Electrical Engineering).
Gross Value - \$100,000.00.
- a46. National Science Foundation, Washington, D. C., Botanical Survey of Byrd Land Coast (to be known as National Science Foundation Project No. 2472 - New - Institute of Polar Studies).
Gross Value - \$21,000.00.

TOTAL - Government Contracts - Federal \$1,522,488.00

2. Government Contract - State

- a1. State of Ohio, Department of Development, Columbus, Ohio, Econometric Model-Social Accounts Study (to be known as State of Ohio, Department of Development Project No. 2459 - New - Department of Economics).
Gross Value - \$18,000.00.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Check #C414250 - Department of Surgery). Gross Value - \$4,434.78.
- a2. The Jockey Club, Inc., New York, New York, Equine Clinical Research (to be known as The Jockey Club, Inc. Project No. 2000 - Letter dated March 7, 1967 - Department of Veterinary Medicine). Gross Value - \$50,000.00.
- a3. American Iron and Steel Institute, New York, New York, Properties of Liquid Iron and Steel (to be known as American Iron and Steel Institute Project No. 2031 - Amend. #2 - Department of Metallurgical Engineering). Gross Value - \$32,100.00.
- a4. The Procter and Gamble Company, Cincinnati, Ohio, Study of Dental Calculus (to be known as The Procter and Gamble Company Project No. 2070 - Ext. #2 - College of Dentistry). Gross Value - \$22,800.00.
- a5. Battelle Memorial Institute, Columbus, Ohio, Bibliographic and Microfilm Library on Acclimatization to Terrestrial Attitude (to be known as Battelle Memorial Institute Project No. 2360 - New - University Libraries). Gross Value - \$94,455.00.
- a6. Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory, Inc. Project No. 2420 - Amend. #1 - School of Art). Gross Value - \$1,380.40.
- a7. The Petroleum Research Fund, Washington, D. C., Studies of Phosphorus (V) Chloride and Its Salt-like Derivatives (to be known as The Petroleum Research Fund Project No. 2457 - New - Department of Chemistry). Gross Value - \$23,940.00.

TOTAL - Industrial and Other Contracts \$229,110.18

The foregoing fifty-four contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,769,598.18.

Upon motion of Mr. Jones, seconded by Mr. France, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from May 25, 1967 through June 26, 1967, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

EES 261X Ext. #5	Non-destructive Tests for Welds in Highway Structures, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$94,860.00.
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EES 279X Ext. #2	Investigation of Soil-Structure Interaction in Culvert Pipes, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$16,032.00.
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TOTAL - Government Research Contracts \$110,892.00

2. Industrial Research Contract

SC 69	OCD - A & E Professional Development Courses, National Society of Professional Engineers, Washington, D. C. Gross Value - \$12,284.04.
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The foregoing three contracts for research in the Engineering Experiment Station represent a gross income of \$123,176.04.

C. Memorandum of Agreement - Affiliation of Columbus Children's
Psychiatric Hospital with the College of Medicine of The Ohio
State University

President Fawcett recommended that the following Memorandum of Agreement for affiliation of Columbus Children's Psychiatric Hospital with the College of Medicine of The Ohio State University be ratified:

WHEREAS the Columbus Children's Psychiatric Hospital is an institution for the care and treatment of sick people and the Director of the Department of Mental Hygiene and Correction in the State of Ohio has authorized the medical staff of the Columbus Children's Psychiatric Hospital to participate in research and medical education to supplement their patient-care program;

WHEREAS the University through its College of Medicine is responsible for the educational program of students, including post M. D. students in medical education, including psychiatry, and for the maintenance of research and patient-care programs planned to enhance the educational programs;

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Memorandum of Agreement - Affiliation of Columbus Children's Psychiatric Hospital with the College of Medicine of The Ohio State University (continued)

WHEREAS the Department of Mental Hygiene and Correction believes the Columbus Children's Psychiatric Hospital's total program will be enriched by the direct association with the College of Medicine in medical teaching;

WHEREAS the University, through its College of Medicine, can by the use of the facilities of the Columbus Children's Psychiatric Hospital, complement its own facilities to the mutual enrichment of its educational programs;

NOW, THEREFORE, the Columbus Children's Psychiatric Hospital, through the Department of Mental Hygiene and Correction, and the Dean of the College of Medicine, through the Board of Trustees of The Ohio State University, agree to the following:

1. The clinical facilities, including the inpatient and out-patient services of the Columbus Children's Psychiatric Hospital are made available for the educational program of students in the College of Medicine of The Ohio State University.
2. The Superintendent of the Columbus Children's Psychiatric Hospital will coordinate the programs of diagnostic procedures, including the taking of medical histories and the physical examination of both inpatients and outpatients, with the Dean of the College of Medicine so as to secure the uniformity and precision which are necessary for the proper instruction of students in the College of Medicine.
3. The treatment and care of all patients will be determined by the (physician) member of the Columbus Children's Psychiatric Hospital's medical staff in charge of the patient.
4. Only those staff members of the Columbus Children's Psychiatric Hospital holding faculty appointments in the College of Medicine of The Ohio State University may be assigned teaching responsibilities involving students of the College of Medicine.
5. The Dean of the College of Medicine shall be responsible for discipline of students willfully violating the rules and regulations of the Columbus Children's Psychiatric Hospital.

July 13, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Memorandum of Agreement - Affiliation of Columbus Children's Psychiatric Hospital with the College of Medicine of The Ohio State University (continued)

6. The autonomy of the Columbus Children's Psychiatric Hospital as an independent institution shall be observed at all times.
7. The Superintendent of the Columbus Children's Psychiatric Hospital and the Dean of the College of Medicine may collaborate directly in the accomplishment of the above program.

Either party may terminate this agreement by a written notification giving a six-months' period of advance notice.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the above Memorandum of Agreement by unanimous voice vote.

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IV. GRANTS AND GIFTS

The following grants to the University were among those received since June 8, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$623,750.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., 20202, to the University for the construction of a Classroom/Library Building, Marion Campus. This grant is made under Title I, Higher Education Facilities Act, 1963. (Project No. Ohio 3-2372)
2. \$533,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the construction of a General Classroom Building - University College. This grant is made under Title I, Higher Education Facilities Act, 1963. (Project No. Ohio 4-2365)
3. \$136,844.00 granted by National Science Foundation to the University for "Administration of Institutional Grants for Science." (GU-2438)
4. \$80,671.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Medical Cardiology," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 2 T01 HE05546-07)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

5. \$77,058.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Program in Pharmacology," under the direction of the Department of Pharmacology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 GM01417-03)
6. \$73,161.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of the College Library Resources Program for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001386)
7. \$72,957.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Accident Prevention (Transportation Safety)," under the direction of the Department of Industrial Engineering, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 AC 00003-02)
8. \$65,370.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Basic Residency," under the direction of the Department of Psychiatry, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH08458-04)
9. \$56,160.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Health Professions Scholarship Program," under the direction of the College of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 2-036-62187-12)
10. \$54,847.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Preventive Medicine Curriculum Augmentation," under the direction of the Department of Preventive Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. PHT 5-25B-67)
11. \$50,455.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "School of Extracorporeal Circulation Specialists," under the direction of the School of Allied Medical Services, for the period July 1, 1967 through June 30, 1968. (Grant No. AHP 7-4A-67)
12. \$49,139.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Residency Training," under the direction of the Department of Psychiatry, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH08386-04)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

13. \$45,372.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Medicine, for the period January 1, 1967 through December 31, 1967. (Grant No. 5 S01-FR-05409-06)
14. \$43,124.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology," under the direction of the Department of Psychology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH05061-21)
15. \$43,000.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for "Administration of Courses of Instruction for AID Participants," under the direction of the College of Commerce and Administration, for the period May 31, 1967 through June 30, 1968. (Contract No. AID/csd-1571 Task Order No. 1)
16. \$41,191.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Corrections," under the direction of the School of Social Work, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH8254-05)
17. \$39,548.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training - Psychiatric Social Work," under the direction of the School of Social Work, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH06530-11)
18. \$39,053.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training - Neurological Surgery," under the direction of the Department of Surgery, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 NB05529-02)
19. \$36,628.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Hematology and Cancer Chemotherapy," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 CA05192-02)
20. \$35,106.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatry Training," under the direction of the Department of Psychiatry, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T02 MH05924-17)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

21. \$35,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Auxiliary Utilization Training," under the direction of the College of Dentistry, for the period July 1, 1967 through June 30, 1968. (Grant No. 2 T02 DH05044-06)
22. \$31,598.00 granted by Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. 20202, to the University for "Training in Water Supply and Pollution Control," under the direction of the Natural Resources Institute, for the period July 1, 1967 through June 30, 1968. (Grant No. 5T1-WP-39-04)
23. \$29,412.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training - Experimental Psychology," under the direction of the the Department of Psychology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH08526-04)
24. \$27,999.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "Cardio-vascular Disease," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 K03 HE13971-07)
25. \$27,974.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training - Occupational Health," under the direction of the Department of Preventive Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 8 T01 U101038-05)
26. \$24,980.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Community Organization," under the direction of the School of Social Work, for the period July 1, 1967 through June 30, 1968. (Grant No. 1 T01 MH10789-01)
27. \$24,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Graduate Training Program in the Sociology of Education and Community," under the direction of the Graduate School, for the period September 15, 1967 through September 14, 1968. (Grant No. OEG-1-7-070154-3892)
28. \$23,302.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "A Comprehensive Study of Cardiovascular Sound," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 K03 HE28243-03)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

29. \$21,147.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Comparative Cardiovascular Physiology," under the direction of the College of Veterinary Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 HE05659-03)
30. \$21,000.00 granted by The Ford Foundation to the University for legislative internships. This is the final payment under a \$105,000.00 grant over a five-year period.
31. \$19,870.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "Taxonomic Study of Cariogenic Bacteria," under the direction of the College of Dentistry, for the period July 1, 1967 through June 30, 1968. (Grant No. 1 K03 DE34363-01A1)
32. \$19,870.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "In Vivo and In Vitro Metabolism of Steroids," under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 K03 HD22534-04)
33. \$8,425.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Veterinary Medicine, for the period January 1, 1967 through December 31, 1967. (Grant No. 5-S01-FR-05463-05)
34. \$6,564.46 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Special Project for Research Training in Vocational Education," under the direction of The Center for Vocational and Technical Education, for the period June 26, 1967 through January 15, 1968. (Grant No. OEG-1-7-078451-4576)
35. \$5,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of the College Library Resources Program, Lima Campus, for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001387)
36. \$5,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of the College Library Resources Program, Mansfield Campus, for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001388)

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

37. \$5,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of the College Library Resources Program, Marion Campus, for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001389)
38. \$5,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for support of the College Library Resources Program, Newark Campus, for the period June 15, 1967 through June 30, 1968. (Grant No. OE-92-001390)
39. \$3,675.00 additional grant from the National Science Foundation, Washington, D. C. 20550, to the University for "Academic Year Institute in Science and Mathematics for Secondary School Teachers," under the direction of the School of Education. (GW-1329)
40. \$2,700.00 additional grant from the National Science Foundation, Washington, D. C. 20550, to the University for the "Purchase of a Multi-Purpose Spectrograph," under the direction of the Department of Astronomy. (GP-5562, Amendment No. 1)
41. \$1,944.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Student Research Stipends," under the direction of the School of Social Work for the period July 1, 1967 through June 30, 1968. (Grant No. 2 T01 MH07507-07)
42. \$1,460.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "Effects of Drugs on Cardiac Transmembrane Potential and Contraction," under the direction of the Department of Pharmacology, for the period July 1, 1966 through June 30, 1967. (Grant No. 3 K03 HE11929-03S1)

TOTAL - Through the Office of Business and Finance \$2,547,354.46

Upon motion of Mr. Ketterer, seconded by Mr. France, the acceptance of the above grants was approved by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund

1. \$251,367.00 from The John A. Hartford Foundation, Inc.

The trustees of The John A. Hartford Foundation, Inc., have approved a grant to the University in the amount and for the purpose as indicated below subject to formal acceptance by the Board of Trustees:

\$251,367.00 granted to the College of Medicine of The Ohio State University for support of the study of the diagnosis and treatment of ulcerogenic tumor of the pancreas.

President Fawcett recommended therefore that the above-identified grant be accepted and administered in accordance with the conditions set forth in the grant agreement between The John A. Hartford Foundation, Inc., and The Ohio State University.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees by unanimous voice vote approved the above grant from The John A. Hartford Foundation, Inc.

The following gifts to the University were among those received since June 8, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

2. \$123,437.00 in securities (5,000 shares of common stock of the Harsco Corporation listed at mean market price as of June 9, 1967) from the Estate of Esther C. Melton (Mrs. Samuel) to be added to the endowment fund for the support of the "Samuel and Esther Melton Chair of Jewish History and Studies."
3. \$25,000.00 from the Union Carbide Corporation--\$10,000.00 for the Union Carbide Fellowship in Chemistry, \$10,000.00 for the Union Carbide Corporation Fellowship in Chemical Engineering, and \$5,000.00 for the Union Carbide Corporation Fund in Mechanical Engineering.
4. \$14,000.00 from Eli Lilly and Company for the Infectious Disease Research Fund.
5. \$10,000.00 from The Bremer Foundation for the Bremer Foundation Fund.
6. \$6,000.00 from the Woodrow Wilson National Fellowship Foundation for support of the fellowship program in the Graduate School.
7. \$4,000.00 from the Babcock & Wilcox Company for support of the programs in the areas of engineering and technical education.
8. \$4,000.00 from the Edward Orton, Jr. Ceramic Foundation for the John L. Carruthers Fellowship Fund.

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

9. \$3,900.00 from The Dow Chemical Company for support of programs in the Departments of Chemistry and Chemical Engineering.
10. \$3,750.00 from the Union Carbide Educational Fund for the Union Carbide Company Scholarship Fund.
11. \$3,650.00 from Kaiser Aluminum and Chemical Corporation for the Kaiser Aluminum and Chemical Corporation Fellowship Fund in Mechanical Engineering.
12. \$3,590.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
13. \$3,000.00 from American Cyanamid Company for the American Cyanamid Fellowship Fund for Chemical Engineering.
14. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
15. \$3,000.00 from Aluminum Company of America, Cleveland, Ohio, for four undergraduate scholarships.
16. \$2,700.00 from Allis-Chalmers for the Allis-Chalmers Fellowship Fund in Welding Engineering.
17. \$2,603.75 from Dolly (Mrs. A. B.) Cohen--\$2,203.75 for the purchase of jackets for the Men's Glee Club and \$400.00 for the educational television program in progress during the Spring of 1967.
18. \$2,500.00 from Lovett Meat Company, Inc., for the Ralph S. Lovett Scholarship Fund.
19. \$2,500.00 from Hercules Incorporated for the Hercules Incorporated Fund for the Department of Chemical Engineering.
20. \$2,500.00 from Sinclair Oil Corporation Foundation for support of the Sinclair Graduate Fellowship in Organic Chemistry.
21. \$2,500.00 from Reynolds Metals Company for the School of Architecture Endowment Fund.
22. \$2,107.00 from the members of the graduating classes of 1967 for the establishment of the 1967 Senior Class Memorial Scholarship Fund.

1967 Senior Class Memorial Scholarship Fund

The 1967 Senior Class Memorial Scholarship Fund was established July 1, 1967, by gifts through the Development Fund from members of the classes graduating in 1967.

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

22. 1967 Senior Class Memorial Scholarship Fund (continued)

The principal is to be invested in accordance with the rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

Income is to be added to principal until such time as annual income equals minimum amount required to provide tuition for one student for one academic year. Thereafter the income is to be used to provide one or more scholarships annually of not less than minimum tuition each for one academic year.

The recipient or recipients of the scholarship will be a child of a member of the Class of 1967, as long as he meets current scholastic and financial criteria as determined by the University Scholarship Committee. If none meets these criteria, the scholarship or scholarships will be given to other worthy applicants.

23. \$2,000.00 from Barnes-Hind Pharmaceuticals, Inc., for the Corneal Biophysics Laboratory Fund.

24. \$2,000.00 from the C. R. Porthouse Charitable Trust Fund (Cyril R. Porthouse and Roberta Diehl Porthouse)--\$1,000.00 for Student Athlete Grant-in-Aid and \$1,000.00 for the Porthouse Foundation Fund for Chemical Engineering.

25. \$1,000.00 from Simon Lazarus Foundation (Charles Y. Lazarus) for the James E. Hagerty Chair Fund.

TOTAL - Received Through the Development Fund \$484,105.25

C. Gift-in-Kind

1. A gift of a RW-300 computer and auxiliary equipment from the B. F. Goodrich Company, Akron, Ohio, through Mr. Harry B. Warner (B. Ch. E. '38, M. S. '39, Ch. E. '47), who is Group Vice President of B. F. Goodrich Company and President of B. F. Goodrich Chemical Company, for use in the Department of Chemical Engineering.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the acceptance of the above gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

IV. GRANTS AND GIFTS (continued)

D. Amendment to the Description for Use of Designated Funds
Deposited in the University's Endowment Fund

Upon the request of the donor, Mr. John C. Martin, President Fawcett recommended that the description of the John C. Martin Fund as recorded in the July 17, 1964 minutes of the Board of Trustees be amended to read as follows:

John C. Martin Fund

The John C. Martin Fund was established December 31, 1963, by a gift through the Development Fund from John C. Martin, B.Sc. in Bus. Adm. '20.

The principal is to be invested under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the need occurs.

The income is to be used to defray expenses incurred by members of the faculty of the Department of Accounting in attending conferences, seminars, and other meetings of professional accounting societies. Preference is to be given to the support of young, newly appointed assistant professors attending meetings sponsored by the Ohio Society of Certified Public Accountants and the American Institute of Certified Public Accountants. In case the need for the indicated use of the income ceases to exist, the Board of Trustees of the University may use said income in its discretion, preference to be given, however, to the field of accounting.

President Fawcett recommended further that upon the request of the donor, Dr. Joseph W. Kohn, that the description of the Joseph W. Kohn Fund, as recorded in the December 9, 1965 minutes, be amended to read as follows:

Joseph W. Kohn Fund

The Joseph W. Kohn Fund was established November 1, 1965, by a gift through the Development Fund from Joseph W. Kohn, B.A. '29, M.S. '30, M.D. '34.

The income is to be used by the College of Medicine at The Ohio State University for the purpose of supporting the programs of research and teaching in the Department of Surgery. The principal of this fund shall be invested and reinvested as directed by the Board of Trustees of The Ohio State University.

The programs to be supported from the income shall cover the broad aspects of research and/or teaching in the Department of Surgery, which are designated by the Chairman of that Department and approved by the Dean of the College of Medicine.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendations were approved by unanimous voice vote.

July 13, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

E. Report from The Ohio State University Development Fund

In May, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,460	\$191,337.60
Individuals other than alumni	215	5,260.90
Nonprofit organizations	45	18,879.30
Business concerns	26	163,500.44
	<u>1,746</u>	<u>\$378,978.24</u>

Of these gifts, 795 totaling \$10,040.81 were undesignated and 951 totaling \$368,937.43 were designated.

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V. APPROPRIATION AND TRANSFER OF FUNDS

A. Transfer of Earned Indirect Costs

The President reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 179999, University Treasurer General Fund.

Administrative expenses; costs of heat, light, and power; and other indirect costs on Grants and Contracts of National Science Foundation; U. S. Department of Health, Education, and Welfare; other Federal Agencies; and Corporation gifts for general University purposes for fiscal year 1966-67.

National Science Foundation

310021	Chemistry - Gassman	\$ 185.41
310022	Pharmacy - Parks	1,434.97
310023	Education - Richardson	10,990.00
310034	Physics - Riley	840.36
310042	Education - Richardson	1,667.21
310043	Geography - Randall	3,094.22
310046	Education - Richardson	1,963.57
310047	Mathematics - Riner	2,877.23
310048	Geology - Spieker	694.95
310049	Engineering - Yarrington	1,535.75
	Total National Science Foundation	<u>\$ 25,283.67</u>

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education, and Welfare

320051	NIH - Graduate Training in Veterinary Pathology - Cole	\$ 6,059.36
320054	NIH - Undergraduate Training in Psychiatric Nursing - Newton	1,453.86
320055	NIH - Graduate Training in Social Work - Cornell	144.00
320056	NIH - Undergraduate Training in Psychiatry - Patterson	2,048.16
320058	NIH - Career Development - Hollander	1,260.11
320059	NIH - Training in Water Supply and Pollution Control - Dambach	1,427.98
320060	NIH - Graduate Training Clinical Psychology - Kelly	3,408.10
320061	NIH - Graduate Training in Endocrinology - Hamwi	2,789.28
320062	NIH - Graduate Training in Social Sciences - Sletto	3,094.78
320063	NIH - Graduate Training in Endocrinology - Ullery	1,985.70
320064	NIH - Graduate Training in Psychiatric Social Work - Prince	2,237.42
320065	NIH - Training Neurology - Allen	1,926.92
320066	NIH - Graduate Training in Dentistry - Bruce	3,173.90
320067	NIH - Graduate Training in Social Work - Shimp	2,367.55
320068	NIH - Graduate Training in Physiological Psychology - Meyer	1,174.45
320069	NIH - Training in Parasitology and Medical Entomology - Wharton	872.23
320070	NIH - Graduate Training in Experimental - General Psychology - Wickens	1,656.74
320071	NIH - Graduate Training in Psychiatry - Ristine	688.00
320072	NIH - Career Development	1,986.00
320073	NIH - Training in Medical Cardiology - Warren	5,745.25
320074	NIH - Training in Psychiatry - Ristine	2,434.20
320075	NIH - Graduate Training in Occupational Health	2,611.82
320077	NIH - Undergraduate Training in Dentistry - Trippy	2,519.96
320078	NIH - Graduate Training in Pathology - von Haam	1,525.59
320080	NIH - Graduate Training in Microbiology - Rheins	1,382.95
320081	NIH - Career Development - Besch	1,268.23
320082	NIH - Career Development - Weissler	1,745.00
320083	NIH - Training in Otolaryngology and Audiology - Saunders	6,162.57
320086	NIH - Multidisciplinary Training - Hamlin	1,703.90
320087	NIH - Graduate Training in Pharmacology - Marks	3,762.54
320088	NIH - Career Development - Wooley	1,434.00
320089	NIH - Training in Ophthalmology - Makley	2,825.86
320092	NIH - Training in Cancer - von Haam	1,214.79
320093	NIH - Training in Cancer - Wilson	299.62
320095	NIH - Career Development - Greider	1,065.00
320096	NIH - Career Development - Nelson	1,807.91

July 13, 1967 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education, and Welfare (continued)

320097	NIH - Graduate Training in Cardiology - Warren	\$ 1,983.31
320099	NIH - Career Development - Hamlin	1,216.67
320125	NIH - Career Development	332.54
330002	Children's Bureau - Child Development - Knobloch	2,507.16
330003	Children's Bureau - Child Welfare - Schneiderman	2,169.48
330012	OASI - Rehabilitation Center	3,456.59
330016	VRA - Teaching in Speech, Pathology, and Audiology - Schlanger	1,126.86
330017	VRA - Teaching in Medical Sociology - Nagi	1,055.26
330018	VRA - Teaching in Physical Therapy - Woods	685.98
330020	VRA - Traineeships in Rehabilitation Medicine - Johnson	6,211.78
340014	OE - Vocational Education in Agriculture - Taylor	12,000.00
340015	OE - Center for Vocational and Technical Edu- cation - Taylor	75,000.00
340016	OE - Slavic Language and Area Center - Twarog	5,600.00
340020	OE - Advanced Study for Geography Teachers - Brown	3,876.90
340021	OE - Advanced Study in English - Eberhart	7,854.00
340022	OE - Summer Institute for Teachers of French - Allen	7,892.97
340023	OE - Advanced Study in Counseling and Guidance - Robinson	6,886.00
340025	OE - Advanced Study in Arts and Humanities - Ecker	7,370.00
	Total U. S. Department of Health, Education, and Welfare	<u>\$226,489.23</u>

Miscellaneous

390004	AID - Service Charges for Participants	\$ 3,090.00
390009	U. S. Navy - M. E. N. D. - Shillito	1,660.42
390013	Veterans' Administration - 10%	171.98
390020	AID - Brazil - Agriculture	25,000.00
390022	AID - Africa - Commerce - Task Order No. 2	631.42
390027	AID - Africa - Commerce - Task Order No. 3	430.59
390034	AID - India - Punjab Agricultural University	8,264.64
390035	AID - India - University of Udaipur	9,586.04
390036	U. S. Department of Labor - Peters	9,932.61
531115	E. O. P. A. of Greater Toledo - Cooperative Extension Service	350.00
531117	L. S. I. Service Corporation - Project Head Start - Education	2,898.00

July 13, 1967 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

Miscellaneous (continued)

531118	City of Columbus O. E. O. - Cooperative Extension Service	\$ 1,000.00
531037	Continental Casualty Company	17,976.25
	Total Miscellaneous	<u>\$ 80,991.95</u>
	GRAND TOTAL	<u>\$332,764.85</u>

Upon motion of Mr. Jones, seconded by Mr. Hilliker, the Board of Trustees by unanimous roll call vote approved the transfer of the above amounts to Account 179999, University Treasurer General Fund.

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VI. EXTRA ORDERS TO CONTRACTS

A. Summary of Extra Orders Approved by the President

On October 12, 1962, the Board of Trustees authorized the President to approve all individual change orders on projects where said orders did not exceed \$500.00 each, with the understanding that such actions thus taken were to be reported to the Board upon completion of each of the respective projects and that the said reports should be in total amounts and not in detail. Therefore, a summary of the change orders which have been approved by the President, as authorized by the Board of Trustees, was reported for the following projects:

Administration Building Repairs (B/A 801068)	\$ 1,384.80
Aerodynamics and Missile Propulsion Laboratory (B/A 801028)	5,265.39
Athletic Facility North (B/A 801076)	923.00
Chemical Research Facilities (Item 315-010, S. B. 370, H. B. 949 and H. B. 202)	2,712.18
Curl Drive, Phase I (Item 315-006, H. B. 949)	374.95
Completion of Curl Drive (B/A 801062)	87.00
Dayton Branch, Phase II (Item 315-017, S. B. 370 and H. B. 949)	1,050.67
Engineering Classrooms and Laboratories (Item 315-007, S. B. 370 and H. B. 949)	8,213.27
Food Facility, Phase III (B/A 920600)	(63.35)
Service Center - Laundry (B/A 801059)	455.00
Lima - Phase I (Item 315-018, S. B. 370 and H. B. 949)	1,701.39
Mansfield - Phase I (Item 315-019, S. B. 370 and H. B. 949)	2,176.64
Raney Commons (Dining Facility Northeast) (B/A 801037)	3,894.10
University Printing Facility - Phase I (B/A 801074)	924.00
Repairs to Sisson Hall (B/A 801061)	950.00

July 13, 1967 meeting, Board of Trustees

VI. EXTRA ORDERS TO CONTRACTS (continued)

A. Summary of Extra Orders Approved by the President (continued)

Taylor Tower (Student Housing, Building No. 10)	
(B/A 801037)	\$ 2,414.28
University Hospital - Repairs to Intensive Care Unit	
(B/A 960200)	(425.00)
	<u>\$32,038.32</u>

Upon motion of Mr. France, seconded by Mr. Safford, the above report was approved and the action ratified by unanimous roll call vote.

B. Recommendation Concerning Change Orders on Construction, Remodeling, and Repair Projects

Inasmuch as it is desired to expedite change orders on all construction, remodeling, and repair projects, while at the same time maintaining strict and careful control of same, President Fawcett recommended that the Vice President, Business and Finance of The Ohio State University, be authorized to approve such orders on behalf of the Board of Trustees with the expressed understanding that the aggregate amount of such orders shall not exceed the contingency funds previously established by the Board of Trustees. Actions thus taken are to be reported to the Board of Trustees upon the completion of each of the respective projects.

Upon motion of Mr. Frederick Jones, seconded by Mr. John Ketterer, the Board of Trustees by roll call vote unanimously approved the above recommendation, the action of the Board of Trustees at the October 12, 1962 meeting of said Board notwithstanding.

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VII. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. McCracken Power Plant - Conversion of No. 5 Boiler to Gas

This project involves the conversion of No. 5 boiler from coal burning to gas-oil combination firing in a further attempt to eliminate as far as possible the source of atmospheric pollution.

Funds for this project will be provided from Budget Account 801084 and Budget Account 121658.

July 13, 1967 meeting, Board of Trustees

VII. PLANS AND SPECIFICATIONS (continued)

B. McCracken Power Plant - Fuel Oil System Remodeling

This project will increase the capacity of the present fuel oil storage capacity and pumping system to enable the firing of more than two boilers with oil in case of emergency.

Funds for this project will be provided from Budget Account 801103.

C. Sprinkling System Revisions

This project covers the revision of the sprinkling systems on the Campus, making use of well water where available and submetering to lower cost of city water used for outside sprinkling.

Funds for this project will be provided from Budget Account 121658.

Upon motion of Mr. Safford, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VIII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Research Space, East Side of Stadium - Phase IV

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-16-67)		
Wagenbrenner Construction Co.		
(Columbus)		
Base Bid	\$ 184,500.00	\$ 197,000.00
Alt. G-1 Elevator	11,000.00	15,000.00
Total	<u>\$ 195,500.00</u>	<u>\$ 212,000.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 6-7-67)		
Kuempel Co. (Columbus)		
Base Bid	<u>\$ 69,440.00</u>	<u>\$ 89,000.00</u>

July 13, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

A. Research Space, East Side of Stadium - Phase IV (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(3 bids received 6-7-67)		
The Huffman-Wolfe Co. (Columbus)		
Base Bid	\$ 6,460.00	\$ 6,500.00
<u>Electrical Contract</u>		
(4 bids received 6-7-67)		
States Electric Co. (Columbus)		
Base Bid	\$ 31,470.00	\$ 52,500.00
<u>Total All Contracts</u>	<u>\$ 302,870.00</u>	<u>\$ 360,000.00</u>

Funds for this project are provided from Budget Account 801020.

B. University College - Building I

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-21-67)		
Robert W. Setterlin & Sons Co. (Columbus)	\$1,955,000.00	\$2,004,204.00
<u>Plumbing Contract</u>		
(3 bids received 6-21-67)		
The Huffman-Wolfe Co. (Columbus)	98,800.00	158,240.00
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 6-21-67)		
The Huffman-Wolfe Co. (Columbus)	581,100.00*	512,700.00
<u>Electrical Contract</u>		
(5 bids received 6-21-67)		
States Electric Co. (Columbus)	376,547.00*	282,106.00
<u>Total All Contracts</u>	<u>\$3,011,447.00</u>	<u>\$2,957,250.00</u>

* The low bids on the Heating and Electrical Contracts are over the estimate of cost, but it is not believed that better bids could be obtained by readvertising. Award of these contracts is subject to Controlling Board approval.

Funds for this project are provided from Item 315-037, H. B. 949.

July 13, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

C. Lima Campus - Phase II

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 6-13-67)		
Peterson Construction Co.		
(Wapakoneta, Ohio)		
Base Bid	\$ 493,000.00	\$ 475,143.00
<u>Plumbing Contract</u>		
(3 bids received 6-13-67)		
Terry P. Smith, Inc. (Lima, Ohio)		
Base Bid	\$ 78,439.00	\$ 61,506.00
<u>Mechanical Contract</u>		
(3 bids received 6-13-67)		
Boughman Bros., Inc. (Lima, Ohio)		
Base Bid	\$ 147,587.00	\$ 132,694.00
Alt. M-2 Chemical Feed System	700.00	1,400.00
Total	\$ 148,287.00	\$ 134,094.00
<u>Electrical Contract</u>		
(3 bids received 6-13-67)		
Suburban Electric Co.		
(Lafayette, Ohio)		
Base Bid	\$ 126,128.00	\$ 88,657.00
Total All Contracts	\$ 845,854.00	\$ 759,400.00

Note: All bids received are over the estimate of cost, but it is not believed that better bids could be obtained by readvertising. Award of these contracts is subject to Controlling Board approval.

Funds for this project are provided from Item 315-018, H. B. 202.

D. Horticulture, Forestry, and Food Technology Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 6-15-67)		
Knowlton Construction Co.		
(Bellefontaine, Ohio)		
Base Bid	\$1,153,300.00	\$1,165,000.00

July 13, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

D. Horticulture, Forestry, and Food Technology Center (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 6-23-67)		
Sauer, Inc. (Pittsburgh, Pa.)		
Base Bid	\$ 753,000.00**	\$ 745,000.00*
<u>Plumbing Contract</u>		
(2 bids received 6-23-67)		
Sauer, Inc. (Pittsburgh, Pa.)		
Base Bid	\$ 363,000.00**	\$ 359,730.00*
<u>Electrical Contract</u>		
(4 bids received 6-23-67)		
S & S Electric Co., Inc.		
(Columbus, Ohio)		
Base Bid	\$ 448,500.00	\$ 450,000.00*
Alt. E-2 Emergency Generator	32,643.00	40,000.00
Alt. E-4 Janitors Call System	414.00	1,500.00
Total	\$ 481,557.00	\$ 491,500.00*
<u>Laboratory Equipment Contract</u>		
(4 bids received 6-15-67)		
Brown-Morse Co.		
(Muskegon, Michigan)		
Base Bid	\$ 142,450.00	\$ 165,000.00
<u>Greenhouse Construction Contract</u>		
(4 bids received 6-23-67)		
Lord & Burnham, Division of Burnham		
Corp. (Irvington-on-Hudson,		
N. Y.)		
Base Bid	\$ 122,455.00	\$ 133,450.00*
<u>Total All Contracts</u>	<u>\$3,015,762.00</u>	<u>\$3,059,680.00</u>

* Revised estimates of cost for rebidding purposes.

** The low bids on the Heating and Plumbing Contracts are over the estimated cost but it is not believed that better bids could be obtained by readvertising a second time.

Funds for this project will be provided from Item 046, H. B. 949.

July 13, 1967 meeting, Board of Trustees

VIII. REPORT OF AWARD OF CONTRACTS (continued)

E. University Print Shop - Phase II

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 6-16-67)		
Wagenbrenner Construction Co.		
(Columbus, Ohio)		
Base Bid	\$ 135,800.00	\$ 137,950.00
Alt. G-2 Additional Concrete Block Walls	6,986.20	6,986.20
Alt. G-5 Doors and Hardware	1,320.00	1,520.00
Total	<u>\$ 144,106.20</u>	<u>\$ 146,456.20</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(7 bids received 6-16-67)		
The Huffman-Wolfe Co.		
(Columbus, Ohio)		
Base Bid	<u>\$ 210,600.00*</u>	<u>\$ 195,050.00</u>
<u>Plumbing Contract</u>		
(6 bids received 6-16-67)		
The Huffman-Wolfe Co.		
(Columbus, Ohio)		
Base Bid	<u>\$ 36,500.00</u>	<u>\$ 51,950.00</u>
<u>Electrical Contract</u>		
(2 bids received 6-16-67)		
S & S Electric Co. (Columbus)		
Base Bid	\$ 89,800.00	\$ 99,050.00
Alt. E-1 Equipment Connections	2,993.77	7,500.00
Total	<u>\$ 92,793.77</u>	<u>\$ 106,550.00</u>
<u>Total All Contracts</u>	<u>\$ 483,999.97</u>	<u>\$ 500,006.20</u>

* This bid was over the estimate of cost but it is not believed that better bids could be obtained by readvertising.

Funds for this project are provided from Item 315-049, H. B. 949, and Budget Account 801074.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Health Sciences Information Center - Employment of Architects

President Fawcett recommended that the architectural firm of C. Curtiss Insko and Associates be employed to provide schematic studies and drawings in accordance with Federal Regulations for grant applications, with provisions for complete architectural service if the project proceeds beyond the schematic stage.

The fee for this service will be calculated on the basis of work to be performed for the grant application and is estimated to be \$26,400.00. Funds for this work will be provided from money to be reappropriated from H. B. 202.

Upon motion of Mr. France, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

B. Wright State Campus - Relocation of Laboratories and Offices - Employment of Architects

President Fawcett recommended that the architectural firm of Lorenz and Williams be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this service will be computed at 6 per cent of the contract cost and is estimated to be \$9,000.00. Funds will be provided from a grant from the Office of Education, Title I, for Wright State Campus.

Upon motion of Mr. Ketterer, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

C. Acquisition of Property for Educational, Research, Housing, and Service Facilities

President Fawcett presented the following resolution for consideration of the Board of Trustees:

WHEREAS, The Ohio State University has acquired certain parcels of real property located between Eighth Avenue and Tenth Avenue, bounded on the east by Neil Avenue and on the west by State of Ohio lands; and

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of educational, research, housing, and service facilities, will be required to acquire most, if not all of the land lying between Eighth and Tenth Avenues east of present State of Ohio land and west of Neil Avenue; and

July 13, 1967 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. Acquisition of Property for Educational, Research, Housing, and Service Facilities (continued)

WHEREAS, the Trustees of The Ohio State University deems that the acquisition of this land is mandatory in meeting the needs of the University and serving the people of the State of Ohio; and therefore, find it necessary to proceed with the acquisition of real property therefor;

NOW BE IT RESOLVED, that the Vice President for Business and Finance be authorized and directed to proceed with purchase of the following described real estate with funds to be reappropriated from H. B. 202 and, when these funds are exhausted, to utilize additional funds as they are made available for this acquisition and, in the event negotiations to purchase said property at a fair and just compensation should fail, then, pursuant to his statutory authority, the Director of Public Works shall be requested to exercise the right of "eminent domain" and acquire by condemnation for the State of Ohio and said University the following described tract of real estate located in Columbus, Franklin County, Ohio:

Being Lots numbered 23 to 31, inclusive, William N. Kings, Neil Avenue Subdivision, and commonly known as 303 through 341 West Ninth Avenue and 1548 Michigan Avenue and Lots numbered 26 to 28, inclusive, Elizabeth J. McMillens Homestead Addition and commonly known as 348 and 352 West Eighth Avenue.

Upon motion of Mr. France, seconded by Mr. Safford, the above resolution was adopted by unanimous roll call vote.

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Charles Henry Shaw, Professor in the Department of Physics; Albert Benedict Wolfe, Professor Emeritus in the Department of Economics; Laura Zirbes, Professor Emeritus in the School of Education; and James Burton Tharp, Professor Emeritus in the School of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Charles Henry Shaw

The Board of Trustees expresses its sorrow at the death on June 5, 1967, of Charles Henry Shaw, Professor in the Department of Physics.

Professor Shaw was born in Los Angeles, California, on January 26, 1908. He received his bachelor's degree from the University of California at Los Angeles in 1930 and his doctor of philosophy degree from Johns Hopkins University in 1933. He was an Instructor at Johns Hopkins, 1933-34, and a National Research Council Fellow at Cornell, 1934-36.

July 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Charles Henry Shaw (continued)

He returned to Johns Hopkins as an American Philosophical Society Fellow, 1936-38; was an Assistant Professor of Physics, 1938-46; and served as Senior Physicist at the Applied Physics Laboratory, 1943-46.

In 1946 Dr. Shaw joined the Department of Physics of The Ohio State University as Associate Professor and in 1954 was promoted to Professor. During this time he carried on an active program of research in X-ray spectroscopy and X-ray diffraction which received support from the Office of Naval Research, the Atomic Energy Commission, the National Science Foundation, and the Research Corporation.

Dr. Shaw was also much interested in the problems of instruction and was respected by his many students. He was a member of Phi Beta Kappa, Sigma Xi, Gamma Alpha, American Physical Society, American Association of Physics Teachers, New York Academy of Sciences, and Ohio Academy of Sciences.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Albert Benedict Wolfe

The Board of Trustees expresses its sorrow at the death on June 3, 1967, of Albert Benedict Wolfe, Professor Emeritus in the Department of Economics.

Professor Wolfe was born in Arlington, Illinois, on August 23, 1876. He earned three degrees from Harvard University, A. B. 1902, A. M. 1903, and Ph.D. 1905. He was a member of the faculties at Oberlin College from 1905 to 1914 and the University of Texas from 1914 to 1923. During World War I he served in federal war agencies for approximately two years. Dr. Wolfe joined the Department of Economics at The Ohio State University as a Professor in 1923, was Chairman of the Department from 1928 to 1940, and retired in 1946.

Dr. Wolfe earned recognition as a distinguished economist and social scientist and as a challenging, stimulating teacher. His major interests through life were centered on population problems. He published widely, his more notable publications included; Conservatism, Radicalism and Scientific Methods; Population Problems in the United States and Canada; Business Management as a Profession; The Social Sciences and Their Interrelations; and Economics, Sociology and the Modern World.

Dr. Wolfe was a member of the Editorial Board of the American Economic Association and served as Vice President of the Association in 1936 and President in 1943. In 1956 The Ohio State University conferred on him an honorary Doctor of Laws degree. He was also a member of the American Association of University Professors and the Population Association of America.

July 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Albert Benedict Wolfe (continued)

On behalf of the entire University, the Board of Trustees expresses to Mrs. Wolfe its deep sympathy and sense of understanding in her loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to Mrs. Wolfe as a humble expression of the Board's heartfelt sympathy in her bereavement.

C. Laura Zirbes

The Board of Trustees expresses its sorrow at the death on June 9, 1967, of Laura Zirbes, Professor Emeritus in the School of Education.

Professor Zirbes was born in Buffalo, New York, on April 26, 1884. She earned three degrees from Columbia University: B.S., 1925; A.M., 1926; and Ph.D., 1928. She was granted the honorary degree of L. H. D. by Culver-Stockton College in 1962.

Following sixteen years as an elementary school teacher in the schools of Cleveland, Ohio, Professor Zirbes became a Research Associate in Reading at The Lincoln School and a Lecturer in Education at Teachers College, Columbia University, between 1920 and 1928 when she joined the faculty of The Ohio State University as an Associate Professor of Education. She became a Professor in 1931. For nine years she directed the summer program and for four years directed the elementary grades at the University School of the College of Education at The Ohio State University. She gave major leadership to the development of the College of Education program for the professional preparation of elementary school teachers. She was granted the Professor Emeritus title upon her retirement in 1954.

A widely noted professional writer and lecturer in Education, Professor Zirbes made her greatest contribution through the inspiration she gave to teachers and educational leaders to embrace progressive ideas and to relate education to the deeper meanings of American life and the basic changes developing in American society.

Dr. Zirbes was an adviser to 30 recipients of the Ph.D. degree from The Ohio State University and to more than 200 recipients of the M.A. degree. She received an achievement award as "Woman of the Year" from the National Women's Press Club in 1948. Professor Zirbes' memory will be cherished, not only for the distinction as a professional leader, but also by countless individual teachers with whom she worked tirelessly in the attainment of their professional aspirations.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

July 13, 1967 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. James Burton Tharp

The Board of Trustees expresses its sorrow at the death on June 20, 1967, of James Burton Tharp, Professor Emeritus in the School of Education.

Professor Tharp was born in Frankton, Indiana, on June 8, 1892. He received his Bachelor of Arts degree from Indiana University in 1921 and his Master of Arts and Doctor of Philosophy degrees were earned at the University of Illinois in 1924 and 1928, respectively. He also completed special language studies at the University of Grenoble, in France, in 1919 and 1929. For eight years, he taught in Indiana public schools and for seven years he was a Graduate Assistant and Associate in the field of Romance Languages at the University of Illinois. He joined the faculty of The Ohio State University as an Assistant Professor of the Teaching of Foreign Languages in 1929, progressed through the academic ranks to Professor in 1942, and became Professor Emeritus in 1958. For short intervals, he also served on the faculties of Middlebury College, Vanderbilt University, and Mexico City College; and as a member of a cultural mission to Haiti for the U. S. Department of State.

Professor Tharp was widely known as a leader in the improvement of the teaching of foreign languages in the public schools of the nation. He was active in leadership capacities in the work of many national professional organizations, such as the Modern Language Association and the American Association of Teachers of French. His indefatigable labors in advisement and sponsoring of his students will long be remembered by them and by his colleagues in the University faculty. He was decorated as Officier d'Academie by the Government of France in 1939, and as Commandeur de l'Ordre Nat'l. Honneur et Merite by the Government of Haiti in 1943.

From 1946 until 1965, Professor Tharp developed and directed the program of Winter Quarter in Mexico at Mexico City College (now the University of the Americas), in which many students of The Ohio State University participated.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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July 13, 1967 meeting, Board of Trustees

XI. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held June 16, 1967

President Fawcett reported for information and the record that the Ohio Board of Regents at its regular meeting on June 16, 1967 approved the following new degree programs for The Ohio State University:

1. Master of Arts in Chinese Language and Literature
2. Master of Science and Doctor of Philosophy in Medical Microbiology
3. Doctor of Philosophy in Biostatistics

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Secretary was instructed by unanimous vote to include the above report in the minutes of this meeting.

B. Annual Report for the Engineering Experiment Station

Mr. Mount reported that the Annual Report for the Engineering Experiment Station has been received. Pursuant to instructions of the Board of Trustees a copy of the said report will be mailed to each member of the Board of Trustees and a copy will be filed with the official records of the Board of Trustees.

C. Reports from the Finance and Investment Committee

1. Authorization to Sell Property Located at 88 East Eighteenth Avenue and 2117-2119 Summit Street, Columbus, Ohio, Held Under Trust of Byron W. Davis

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution and moved that it be adopted:

WHEREAS, the Finance and Investment Committee of the Board of Trustees of The Ohio State University has taken notice of the irrevocable inter vivos trust of Byron W. Davis dated January 4, 1961, under which The Ohio State University becomes a beneficiary of the trust;

WHEREAS, the said Board committee has taken notice of the trust's ownership of real estate located at 88 East Eighteenth Avenue, Columbus, Ohio, and at 2117-2119 Summit Street, Columbus, Ohio, and of the preference of Byron W. Davis that the University continue to hold the real estate;

WHEREAS, the said Board committee has considered the problems involved in keeping and managing these properties, and considered the various offers to purchase the properties which were presented to the Board; and,

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

C. Reports from the Finance and Investment Committee (continued)

1. Authorization to Sell Property Located at 88 East Eighteenth Avenue and 2117-2119 Summit Street, Columbus, Ohio, Held Under Trust of Byron W. Davis (continued)

WHEREAS, the said Board committee has taken notice of the following offers to purchase;

- 1) of the property located at 88 East Eighteenth Avenue, and
 - a. The offer of Harold R. Barnes dated July 11, 1967, to purchase the property for \$24,500.00 cash.
 - b. The offer of Robert B. Wilder dated July 11, 1967, to purchase the property for \$25,000.00 subject to the owner carrying secondary financing of \$8,000.00 with interest at 8% for eight years on a monthly reducing basis.
- 2) of the property located at 2117-2119 Summit Street.
 - a. The offer of Carolyn A. White dated July 11, 1967, to purchase the property for \$16,100.00 in cash.
 - b. The offer of Jon R. Martin dated July 11, 1967, to purchase the property for \$15,000.00 in cash subject to a satisfactory termite inspection.
 - c. The offer of Paul E. Rine dated July 11, 1967, to purchase the property for \$16,260.00 in cash.

NOW, THEREFORE, BE IT RESOLVED that acting under the authority granted it by Paragraph 3.22 of the trust agreement and upon the recommendation of its Finance and Investment Committee, the Board of Trustees of The Ohio State University hereby finds that clear and convincing reason has been demonstrated and the Board is satisfied that the preference of Byron W. Davis to have the properties retained has become ill-advised and contrary to the overriding interests of the University.

BE IT FURTHER RESOLVED that the Board of Trustees of The Ohio State University finds that the properties should be sold and therefore the Board hereby authorizes The Huntington National Bank & Trust Company of Columbus, trustee, to accept the offer of Harold R. Barnes in the amount of \$24,500.00 cash for the property located at 88 East Eighteenth Avenue; and to accept the offer of Paul E. Rine in the amount of \$16,260.00 cash for the property located at 2117-2119 Summit Street.

Mr. James Shocknessy seconded Mr. France's motion and the above resolution was adopted by unanimous roll call vote.

July 13, 1967 meeting, Board of Trustees

XL. REPORTS (continued)

C. Reports from the Finance and Investment Committee (continued)

2. Resolution Concerning the Issuance and Sale of \$10,500,000 Dormitory Revenue Bonds, Series I, and Other Matters Related Thereto

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution:

Resolution Concerning the Issuance and Sale of
\$10,500,000 Dormitory Revenue Bonds, Series I,
and Other Matters Related Thereto

RESOLVED, that the Board of Trustees hereby adopts the Series I Bond Resolution as set forth in the Fourth Supplemental Trust Agreement between the University and The Ohio National Bank of Columbus, as Trustee, (presented to this meeting and marked Supplement A, page 53).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fourth Supplemental Trust Agreement (as presented to this meeting and marked Supplement A) in all respects and the officers designated in the Series I Bond Resolution are hereby authorized to execute and deliver said Fourth Supplemental Trust Agreement, in substantially the form presented, to The Ohio National Bank of Columbus, as Trustee, at such time as they may deem appropriate.

FURTHER RESOLVED, that the certificates of the President and Vice President, Business and Finance, of the University attached hereto and marked respectively Supplement B and C, Supplement B (page 85) setting forth the earnings coverage pursuant to Section 6(b) of the Original Bond Resolution and Supplement C (page 89) certifying as to certain facts pursuant to Section 2.03(4) of the Trust Agreement, be and the same are hereby approved.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolutions adopted by the Board on September 1, 1958 and June 11, 1960 relating to the parietal rules governing the use and occupancy of the University dormitory facilities to all Dormitory Facilities.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolution adopted by the Board of Trustees on June 8, 1967 relating to the rates and charges for the dormitory and dining facilities of the University to all Dormitory Facilities.

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

C. Reports from the Finance and Investment Committee (continued)

2. Resolution Concerning the Issuance and Sale of \$10,500,000 Dormitory Revenue Bonds, Series I, and Other Matters Related Thereto (continued)

FURTHER RESOLVED, that the Board of Trustees and the University hereby establish such special bank accounts as may be required by the Fourth Supplemental Trust Agreement or the Original Trust Agreement, and authorized signatures for withdrawals from such accounts shall be the same as the authorized signatures with respect to bank accounts in which there are deposited pursuant to said Original Trust Agreement and the Executive Officer or Fiscal Officer, or any one of them, are authorized to arrange for such accounts at such banks as the officer acting may determine and the Secretary of this Board is authorized to include in the minutes as hereby adopted any standard forms of bank resolutions required in connection with effecting the foregoing.

FURTHER RESOLVED, that the Executive Officer or Fiscal Officer of the University, or any one of them, are authorized and directed to do all things necessary for the sale of the Series I Bonds, subject, however, to all applicable provisions of the Series I Bond Resolution.

FURTHER RESOLVED, that in addition to other terms herein defined, the term "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University; the terms "Original Bond Resolution", "Dormitory Facilities", "Trust Agreement", "Project", and "Cost of Project" shall have the same meanings as are given to them in the Series I Bond Resolution.

FURTHER RESOLVED, that the adoption of the Series I and Series J Bond Resolution and approval of the Fourth Supplemental Trust Agreement on September 8, 1966, be and the same are hereby repealed and rescinded, the same having been superseded by the aforesaid adoption of the Series I Bond Resolution and approval of the Fourth Supplemental Trust Agreement by the aforesaid act this day.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

C. Reports from the Finance and Investment Committee (continued)

3. Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution:

RESOLUTION providing for the issuance of \$3,000,000 Dormitory Revenue Notes, Series 1967, for the purpose of refunding in part \$14,000,000 Dormitory Revenue Notes heretofore issued for the purpose of constructing and equipping certain dormitory and related dining facilities known as Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses and Raney Commons Dining Facility.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the "Board") is vested with the government of The Ohio State University (herein called the "University", or where the context admits collectively with the Board called the "University") and has the general supervision of all land, buildings and other property of the University and control of all expenses therefor pursuant to Chapter 3335 of the Revised Code of Ohio; and

WHEREAS, under Section 3345.07 of said Revised Code, the Board has authority to construct, equip, maintain and operate the Project described below and to issue bonds and notes to pay the costs thereof and pledge to the payment of such bonds and notes the net revenues of dormitory and dining facilities now or hereafter under the control of the Board as the Board may designate, and to issue such bonds and notes to refund bonds and notes previously issued for such purpose; and

WHEREAS, the Board has previously determined, and does hereby confirm, that it is necessary to provide additional dormitory accommodations and dining facilities for students of the University and, therefor to construct and equip on the campus of the University the dormitory and dining facilities known as Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility, provided, however, that it subsequently determined not to construct and equip Dennis House (said dormitory buildings and dining facility and all things incidental thereto, exclusive of Dennis House, being herein called the "Project"); and

WHEREAS, the Board has heretofore duly issued, and there are presently outstanding, notes in the aggregate principal amount of \$14,000,000 Dormitory Revenue Notes of 1966, dated as of September 15, 1966, issued for the purpose of paying the costs of the Project and

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

C. Reports from the Finance and Investment Committee (continued)

3. Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967 (continued)

bearing interest at the rates of 4-1/4%, 6% and 6-1/2% per annum, all maturing on September 15, 1967 (the said outstanding note issue being herein called the "Outstanding Notes"); and

WHEREAS, the Board has heretofore authorized the issuance of a principal amount of \$10,500,000 Dormitory Revenue Bonds, Series I to refund, in part, the outstanding Notes, and has funds otherwise lawfully available to refund a principal amount of \$500,000 of said Outstanding Notes; and

WHEREAS, the Board does hereby determine and confirm that it is necessary to issue the below authorized dormitory revenue notes in the principal amount of \$3,000,000 to refund the balance of the Outstanding Notes prior to the completion of permanent financing of that part of the Project known as Jones Tower, to be represented by an issue of \$3,000,000 dormitory revenue bonds; and

WHEREAS, the Fiscal Officer of the University is hereby authorized and directed to solicit proposals for the purchase of said \$3,000,000 Dormitory Revenue Notes at par and at an interest rate not to exceed 6% per annum and award said notes as in his best judgment is for the best interest of the University;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. It is hereby determined and declared that it is necessary to construct and equip that part of the Project known as Jones Tower and to issue and there shall be issued, pursuant to Section 3345.07 of the Revised Code of Ohio, The Ohio State University Dormitory Revenue Notes, Series 1967 (herein called the "1967 Notes"), in the aggregate principal amount of \$3,000,000 for the purpose of refunding part of the presently outstanding \$14,000,000 principal amount of The Ohio State University Dormitory Revenue Notes of 1966 dated as of September 15, 1966.

Section 2. The principal of and interest on the 1967 Notes shall be payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented pursuant to the terms thereof, after providing only for the reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made into the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes of the University to be issued pursuant to Section 3345.07 of the Revised Code

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

C. Reports from the Finance and Investment Committee (continued)

3. Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967 (continued)

of Ohio, or other authorizing provision of law, to refund the notes authorized hereby; and neither the State of Ohio nor the University or its Board of Trustees shall be obligated to pay the same from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and said notes are not general obligations of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

The University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance and delivery, prior to the maturity of the 1967 Notes, of dormitory revenue bonds or notes for the refunding of the 1967 Notes pursuant to Ohio Revised Code Section 3345.07, or other provision of law authorizing such revenue bonds or notes, in such principal amount as shall be necessary to pay the principal of and interest on the 1967 Notes and shall apply the proceeds thereof to such purpose, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale; and these obligations are established as duties specifically enjoined upon the University, its Trustees and officers, by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

Section 3. The 1967 Notes shall be dated as of September 15, 1967, shall mature on September 15, 1968, shall bear interest at a rate not to exceed 6% per annum, but at the rate determined by the Fiscal Officer in his Certificate of Award described below and payable semi-annually or at maturity as requested by the Original Purchaser, shall be designated "The Ohio State University Dormitory Revenue Notes, Series 1967", shall be in denomination of \$5,000 or any multiples thereof as requested by the Original Purchaser and approved by the Fiscal Officer, or may be represented by a single note for the entire issue as may be requested by the Original Purchaser. Said notes shall be payable at the office of the Original Purchaser, or at such other place as he may designate, and shall be signed by the Executive Officer or by the Fiscal Officer, shall have the seal of the University impressed thereon, or a facsimile of said seal imprinted thereon. The definitive notes shall be substantially in the form attached hereto as Supplement D (page 93), the terms and covenants of which are incorporated herein, with such changes therein, not substantially adverse to the University, as the officers executing same and the Original Purchaser may agree upon.

July 13, 1967 meeting, Board of Trustees

XL. REPORTS (continued)

C. Reports from the Finance and Investment Committee (continued)

3. Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967 (continued)

For the purposes of this resolution "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University.

Section 4. Said 1967 Notes shall be awarded the purchaser submitting the proposal which the Fiscal Officer, in his best judgment determines is best for the interest of the University, which award shall be evidenced by a Certificate of Award of said Fiscal Officer and in accordance with this Resolution the Executive Officer and the Fiscal Officer are each hereby authorized and directed to do all things necessary for the delivery of said notes in accordance with his said award and this Resolution.

Section 5. The proceeds of said notes shall be applied promptly to the payment and discharge of the Outstanding Notes, and the Fiscal Officer is hereby directed to apply to the payment of interest on said outstanding notes such amount from the construction funds for the Project or from available surplus dormitory revenues as shall be needed therefor.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

4. Resolution Concerning the Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series 1967, and Other Matters Related Thereto

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution:

RESOLUTION Concerning the Issuance and Sale
of \$3,000,000 Dormitory Revenue Bonds, Series
J, and the Dormitory Revenue Notes, Series
1967, and Other Matters Related Thereto

RESOLVED, that the Board of Trustees hereby adopts the Series J Bond Resolution as set forth in the Fifth Supplemental Trust Agreement between the University and The Ohio National Bank of Columbus, as Trustee, (presented to this meeting and marked Supplement E, page 97).

FURTHER RESOLVED, that the Board of Trustees hereby approves the Fifth Supplemental Trust Agreement (as presented to this meeting and marked Supplement E) in all respects and the officers designated in the

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

C. Reports from the Finance and Investment Committee (continued)

4. Resolution Concerning the Issuance and Sale of \$3,000,000
Dormitory Revenue Bonds, Series J, and the Dormitory Revenue
Notes, Series 1967, and Other Matters Related Thereto (continued)

Series J Bond Resolution are hereby authorized to execute and deliver said Fifth Supplemental Trust Agreement, in substantially the form presented, to The Ohio National Bank of Columbus, as Trustee, at such time as they may deem appropriate.

FURTHER RESOLVED, that the certificate of the President and Vice President, Business and Finance of the University, attached hereto and marked Supplement F (page 129) setting forth the earnings coverage pursuant to Section 6(b) of the Original Bond Resolution, be and the same is hereby approved.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolutions adopted by the Board on September 1, 1958 and June 11, 1960 relating to the parietal rules governing the use and occupancy of the University dormitory facilities to all Dormitory Facilities.

FURTHER RESOLVED, that the Board of Trustees hereby confirms the applicability of the provisions of the resolution adopted by the Board of Trustees on June 8, 1967 relating to the rates and charges for the dormitory and dining facilities of the University to all Dormitory Facilities.

FURTHER RESOLVED, that the Board of Trustees and the University hereby establish such special bank accounts as may be required by the Fifth Supplemental Trust Agreement or the Original Trust Agreement, or by the resolution providing for the issuance and sale of the \$3,000,000 Dormitory Revenue Notes, Series 1967, and authorized signatures for withdrawals from such accounts shall be the same as the authorized signatures with respect to bank accounts in which there are deposited pursuant to said Original Trust Agreement and the Executive Officer or Fiscal Officer, or any one of them, are authorized to arrange for such accounts at such banks as the officer acting may determine and the Secretary of this Board is authorized to include in the minutes as hereby adopted any standard form of bank resolutions required in connection with effecting the foregoing.

FURTHER RESOLVED, that in addition to other terms herein defined, the term "Executive Officer" shall mean the Chairman of the Board of Trustees or the President of the University; and "Fiscal Officer" shall mean the Vice President, Business and Finance, or the Assistant Treasurer of the University; the terms "Original Bond Resolution", "Dormitory Facilities", "Trust Agreement", and "Project" shall have the same meanings as are given to them in the Series J Bond Resolution.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

July 13, 1967 meeting, Board of Trustees

XI. REPORTS (continued)

D. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated June 30, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

E. Report on International Program Development of the University

Upon the invitation of President Fawcett, the Associate Dean of Faculties for International Programs, Dr. Leon I. Twarog, was presented to the Board by Vice President and Provost John E. Corbally, Jr., for the purpose of providing a report on the current status of and future plans for the University's International Programs.

In summary, Dr. Twarog presented the "academic blueprint" which has been prepared during the past year for strengthening and developing graduate programs in international education on The Ohio State University campus for the next decade. He indicated that the "blueprint" for such programs when completed will come to the Board of Trustees for consideration and hopefully approval.

Dr. Twarog presented statistics which documented the relative slowness of the State of Ohio in developing significant programs in international education. The program of Slavic Languages and Literatures at this University is the only such program of international significance in the State of Ohio. At most of the universities of the Big Ten there are four or more graduate programs for international education.

Dr. Twarog indicated that the two most important aspects for the development of such language and area programs are an outstanding faculty and excellent library and research collections. He reported that "It costs at least \$1,000,000 per program for library acquisitions and the processing of materials for a collection of 100,000 volumes which is considered to be minimal for an excellent program. A very conservative estimate of what it would take to bring our library collections to this figure for five areas (Slavic, East Asian, Latin American, Near and Middle East, and South-east Asia) is \$5,300,000. The addition of 75 graduate faculty area specialists within the next five years will be essential. For 1968-69 approximately \$300,000 will be required for additional program support and for support of faculty research, publication, and academic travel."

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Thereupon the Board adjourned to meet Thursday, September 14, 1967, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, at 9:00 a.m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

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SUPPLEMENT A

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES I

FOURTH SUPPLEMENTAL TRUST AGREEMENT

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THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES I

FOURTH SUPPLEMENTAL TRUST AGREEMENT

THIS FOURTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the 1st day of August, 1967 (herein called the "Supplement"), by and between The Ohio State University and its Board of Trustees (herein called the "University"), a state university of Ohio, and The Ohio National Bank of Columbus, Columbus, Ohio (herein called the "Trustee"), a corporation duly organized and existing under and by virtue of the laws of the United States, as Trustee under the Trust Agreement dated as of April 15, 1957 hereinafter mentioned.

WITNESSETH:

WHEREAS, the University, pursuant to the Original Bond Resolution passed April 8, 1957, entered into a Trust Agreement dated as of April 15, 1957 with the Trustee and as of April 15, 1958, October 15, 1959, and April 15, 1961, respectively, entered into First, Second and Third Supplemental Trust Agreements (which original trust agreement, as so supplemented thereby and hereby is herein called the "Trust Agreement") under which \$21,060,000 Series A, B, C, D, E, F, G and H Dormitory Revenue Bonds have been authorized and issued and under which additional bonds (herein called "Additional Bonds") are issuable on a parity with the said Bonds and other Additional Bonds hereafter issued under certain conditions as provided in the Trust Agreement; and

WHEREAS, the University has in all respects complied with the provisions of the Trust Agreement so as to be entitled to execute and to have authenticated and delivered by the Trustee \$10,500,000 Additional Series I Bonds; and

WHEREAS, the University further desires by this Supplement to provide for the issuance under the Trust Agreement of said \$10,500,000 of Additional Bonds (herein called the Series I Bonds); and

Fourth Supplemental Trust Agreement

WHEREAS, the Board of Trustees of the University has duly adopted on July 13, 1967, the Series I Bond Resolution providing for the Series I Bonds and this Supplement, which resolution, collectively with the Original Bond Resolution, the Series C and D Bond Resolution adopted July 8, 1960 and the Series E, F, G, and H Bond Resolution adopted June 15, 1962, is referred to as the Bond Resolution; and

WHEREAS, the Series I Bond Resolution is as follows:

RESOLUTION

Providing for the issuance of \$10,500,000 The Ohio State University Dormitory Revenue Bonds, Series I as Additional Parity Bonds pursuant to Bond Resolution adopted April 8, 1957 and Trust Agreement dated as of April 15, 1957, for the purpose of constructing and equipping Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the Board) is vested with the government of The Ohio State University (herein called the University or, when the context admits, collectively with the Board called the University) by Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all land, buildings and other property of the University and control of all expenses therefor; and

WHEREAS, by authority of Section 3345.07 of the Revised Code of Ohio, the Board is authorized to construct, equip, maintain and operate upon sites within, or in close proximity to, the campus of the University, buildings to be used as dormitories and as other suitable living quarters, or as dining halls, for students and members of the faculty and servants and wives and families of married students of said University (including all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of,

Fourth Supplemental Trust Agreement

or in any way supplementing or related to the services of facilities to be provided by such buildings) and to pay for the same out of funds in its possession derived from operation of any such buildings under its control or out of funds borrowed therefor, and to borrow funds for such purpose upon such terms as said Board may deem proper and issue notes or other written instruments evidencing such indebtedness, provided that such indebtedness shall not be a claim against or lien upon any property of the State or any property of or under control of said Board excepting such parts of the receipts of the operation of any such buildings under the control of the Board as it may pledge to secure the payment of such indebtedness, and by authority of said Section 3345.07 of the Board is also authorized to issue such notes or other obligations payable as aforesaid in order to retire or refund outstanding notes or other obligations matured or unmatured, to repay moneys previously borrowed or advanced under said section or to reimburse funds of the University for amounts used under said Section 3345.07; and

WHEREAS, the University determined by resolution adopted April 8, 1957 (herein called the Original Bond Resolution and collectively with this resolution, the Series C and D Bond Resolution adopted July 8, 1960, the Series E, F, G and H Bond Resolution adopted June 15, 1962, called the Bond Resolution) to provide for the issuance of Dormitory Revenue Bonds and pursuant to the Trust Agreement dated as of April 15, 1957 with The Ohio National Bank of Columbus (herein with the First, Second, Third, and Fourth Supplements, called the Trust Agreement), to pledge the net income of all the dormitory facilities, including married student housing and dining halls, now or hereafter under control of the University pursuant to Ohio Revised Code Section 3345.07, and to provide in said Trust Agreement for the issuance of such Bonds (herein called the Bonds) as from time to time authorized subject to the conditions contained in said Trust Agreement, and by the Original Bond Resolution and the Trust Agreement provided for the sale of an initial issue

Fourth Supplemental Trust Agreement

of \$12,000,000 consisting of \$6,000,000 Series A Bonds and \$6,000,000 Series B Bonds (herein called the Series A and Series B Bonds) and for the issuance from time to time as authorized by the Board of additional bonds (herein called Additional Bonds) on a parity with said initial issue of which \$2,330,000 Series C Bonds, \$2,030,000 Series D Bonds, \$5,300,000 Series E Bonds, \$1,200,000 Series F Bonds, \$1,350,000 Series G Bonds, and \$2,850,000 Series H Bonds have been authorized and issued, and the unmatured portions of such Series A through H Bonds are presently outstanding; and

WHEREAS, the University has not pledged or encumbered the revenues from its dormitory facilities on a basis equal or prior to the pledges under the Trust Agreement; and

WHEREAS, the University has determined to sell an issue of \$10,500,000 Additional Bonds designated Dormitory Revenue Bonds, Series I (herein called the Series I Bonds), all as provided in the Trust Agreement; and

WHEREAS, the Board by the adoption of this resolution has determined and confirmed that it is necessary to provide additional dormitory accommodations and dining facilities located on or in close proximity to the campus of the University and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip additional dormitories and dining facilities to be known as Drackett, Jones and Taylor Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility (said dormitory buildings and dining facility and all things incidental thereto being herein referred to as the Project); and

WHEREAS, said Project is to be constructed pursuant to plans approved by the Department of Public Works of Ohio, and prepared by the University Architect; and

WHEREAS, based upon final construction costs, construction contracts and estimates received from its architect, the University has determined that the

Fourth Supplemental Trust Agreement

costs of the Project will be \$13,500,000, including capitalized interest, miscellaneous expense and contingencies; and

WHEREAS, the University has determined to borrow the funds to pay part of the foregoing costs, and to advertise for bids for the purchase of \$10,500,000 Dormitory Revenue Bonds, Series I, by investment bankers or others, it having been determined that the balance of such costs, shall be provided by the issuance of \$3,000,000 principal amount of Dormitory Revenue Bonds, Series J, (herein called the Series J Bonds) as Additional Bonds on a parity with all other Bonds to provide the balance of the cost of Jones Tower, subject to the terms of a loan agreement between the University and the United States of America, Department of Housing and Urban Development, with respect to Jones Tower and the Series J Bonds (herein called the Loan Agreement), and to any extent necessary, from other funds of the University available for the payment of such costs.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University.

Section 1. Purpose of Series I Bonds. It is hereby determined to be necessary to construct the Project and to issue \$10,500,000 of Dormitory Revenue Bonds of the University pursuant to Section 3345.07 of the Revised Code of Ohio and the Trust Agreement for the purpose of paying part of the costs of the Project and of all things incidental thereto or incidental to the financing thereof, including repayment of moneys previously borrowed or advanced for the Project or restoring amounts used for the Project from other funds of the University available for such purposes, consistent with Section 4 hereof.

Section 2. Terms of Series I Bonds. Said \$10,500,000 of Dormitory Revenue Bonds shall be issued as Series I Bonds under this Resolution, the Original Bond Resolution, and the Trust Agreement, and shall be entitled "The Ohio State University Dormitory Revenue Bonds, Series I," shall be initially issued in coupon

Fourth Supplemental Trust Agreement

or fully registered form as may be requested by the Original Purchaser and shall be exchangeable for fully registered or coupon bonds in the manner and on the terms provided by the Trust Agreement. Series I Bonds in coupon form shall be dated August 1, 1967, and shall be in the denomination of \$5,000 each and registrable as to principal. Series I Bonds in fully registered form shall be in the denomination of \$5,000 or any multiple thereof. Such bonds in both coupon and fully registered form shall be numbered as determined by the Fiscal Officer of the University. Each Series I Bond in fully registered form without coupons shall be dated as of the interest payment date on which it is authenticated or on the interest date next preceding the date of its authentication or as of the same date as the coupon bonds if authenticated prior to the first interest payment date; provided, however, if at the time of authentication of a registered bond without coupons, interest is in default, such Bond shall be dated as of the date to which interest has been paid. The Series I Bonds shall bear interest payable semi-annually on April fifteenth and October fifteenth of each year, beginning April 15, 1968, until the principal sum is paid at the rate or rates per annum stipulated in the bid of the successful bidders, and approved in writing by the President or Fiscal Officer of the University provided that no such rate shall exceed 6% per annum. The Series I Bonds shall mature annually on October fifteenth in the years and amounts per year as follows:

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
1968	\$120,000	1978	\$165,000	1988	\$240,000	1998	\$375,000
1969	125,000	1979	170,000	1989	245,000	1999	400,000
1970	130,000	1980	180,000	1990	255,000	2000	425,000
1971	135,000	1981	180,000	1991	265,000	2001	450,000
1972	140,000	1982	190,000	1992	285,000	2002	475,000
1973	145,000	1983	200,000	1993	300,000	2003	500,000
1974	150,000	1984	205,000	1994	315,000	2004	515,000
1975	155,000	1985	210,000	1995	325,000	2005	530,000
1976	160,000	1986	220,000	1996	335,000	2006	545,000
1977	160,000	1987	230,000	1997	350,000		

The Series I Bonds maturing on and after October 15, 1978 shall be subject to redemption in whole or in part on any interest payment date on and after October 15,

Fourth Supplemental Trust Agreement

1977, at redemption prices equal to the following percentages of the principal amount redeemed, plus accrued interest to the date fixed for redemption, to wit:

- 104% if redeemed on or before October 15, 1982;
- 103% if redeemed thereafter but on or before October 15, 1987;
- 102% if redeemed thereafter but on or before October 15, 1992;
- 101-1/2% if redeemed thereafter but on or before October 15, 1997;
- 101% if redeemed thereafter.

If less than the entire unmatured portion of the Series I Bonds is called for redemption at any time or from time to time, they shall be called in inverse order of maturity of the Bonds of that series outstanding; and if less than all of the Series I Bonds outstanding of one maturity are to be called, the selection of Bonds or portions of fully registered Bonds of such series and of that maturity to be called shall be made by lot conducted by the Trustee under the Trust Agreement. Such call for redemption shall be made by notice specifying the numbers, and portions of registered bonds, of the Series I Bonds to be called, published by the Trustee on behalf of the University once a week for two consecutive weeks in a financial newspaper of national circulation published in the English language in New York City and in an English language newspaper of general circulation in Columbus, Ohio, the first publication to be not less than thirty (30) days prior to the date of redemption. Any bonds thus called for redemption and for the retirement of which funds are deposited with said Trustee as provided in the Trust Agreement on or before the redemption date shall cease to bear interest on said redemption rate. A registered bond shall have prepayment provisions consistent with the redemption rights relating to coupon bonds which it replaces.

The principal and interest of the Series I Bonds shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, at the principal office of the Trustee under the Trust Agreement (presently, The Ohio National Bank of Columbus, Columbus, Ohio), or, at the option of the holder, at the principal corporate trust

Fourth Supplemental Trust Agreement

office of the United States Trust Company of New York, in the Borough of Manhattan, City and State of New York except that interest on fully registered bonds is payable by check as provided in the Trust Agreement, and principal on fully Registered Bonds may also be payable at such additional place or places, at the option of the holder as shall be designated by the Fiscal Officer of the University.

The Series I Bonds shall have such other terms and conditions and shall be issued, executed and delivered as provided by the applicable provisions of the Trust Agreement.

Section 3. Sale of Series I Bonds. The Series I Bonds shall be offered for sale, by solicitation of proposals from investment bankers and others or by advertisement or both, to the highest bidder based on the lowest net interest cost, in such manner and on such terms, including specification of a lower maximum interest rate than that specified in Section 2 hereof, as determined by the President or the Fiscal Officer of the University, subject, however, to all applicable provisions of this Resolution.

Section 4. Allocation of Proceeds of Series I Bonds. The proceeds from the sale of Series I Bonds shall be allocated and applied by the University as follows:

(1) The portion representing accrued interest to the Debt Service Fund provided for in the original Trust Agreement to be held by the Trustee, and the portion representing premium above par paid to the University for such Bonds, to the Debt Service Reserve Fund so provided for.

(2) The sum of \$610,000 to a separate fund to comprise the Series J Construction Fund under the bond resolution authorizing the Series J Bonds and to be held and invested and used for paying costs of Jones Tower and any balance to be transferred or applied, all as provided in the Series J Bond Resolution (as the same may

Fourth Supplemental Trust Agreement

be amended, supplemented or superseded), subject to the terms of the Loan Agreement.

(3) To the University the amounts necessary to reimburse the University for amounts expended by it on construction of the Project prior to issuance of the Series I Bonds.

(4) The balance to the Series I Construction Fund to be held by the Trustee to pay the costs of constructing and equipping the Project and all incidental expenses of the Project and the financing thereof, including, without limiting the generality of the foregoing, the repayment of any amounts borrowed by the University to pay Project costs and interest thereon, the costs of all moveable equipment for the Project, including Jones Tower, the costs of placing the Project in operation and any other purpose relating to the Project or the financing thereof for which the proceeds of the Series J Bonds would not be available, and including reimbursement to the University of amounts previously advanced from any other funds of the University for payment of costs of the Project and not required in the Series I Construction Fund for payment of other costs of the Project. Any amount needed for the costs of construction of Jones Tower in addition to that otherwise provided in the Series J Construction Fund may be paid directly from the Series I Construction Fund or transferred therefrom to the Series J Construction Fund.

The Trustee shall apply the Series I Construction Fund to the payment of such items as from time to time are requested in writing by the Fiscal Officer of the University. Such written request shall include a certification by such official that the amount to be paid from the Series I Construction Fund constitutes authorized payments from said fund under the foregoing provisions of this Section 4. If the

Fourth Supplemental Trust Agreement

payment is to be made directly from the Series I Construction Fund to satisfy an obligation under a construction contract relating to the Project, such written request shall further certify that such payment was certified as due under such contract by a qualified architect or engineer.

The Series I Construction Fund shall be invested by the Trustee in such obligations of the United States, obligations of agencies or instrumentalities of the United States, or certificates of deposit of banks and or trust companies having a combined capital and surplus of not less than five million dollars, as shall be directed in writing by the President or the Fiscal Officer of the University, which writing shall designate maturities and amounts which, as nearly as practicable, would, through maturities, provide funds when needed to pay costs for which the respective funds have been established. Interest on such investments and the proceeds of sale thereof shall constitute part of such Fund. Said investments shall be sold, exchanged or collected from time to time as directed in writing by the President or the Fiscal Officer of the University and the Trustee shall be under no liability in connection with such investment, sale, exchange or collection thereof provided the directions of said officers are followed.

Section 5. Additional Bonds. (a) The Board shall have the right from time to time to issue Additional Bonds under the Trust Agreement if necessary to pay the costs of completing the Project or completing any projects for which Additional Bonds are issued. The Trustee shall authenticate and deliver such Bonds upon (but only upon) receipt of the documents required by Section 2.03 of the Trust Agreement. Nothing herein or in the Trust Agreement shall require any earnings coverage, or certificate with respect thereto, in connection with Additional Bonds issued for completion of a project.

(b) The Board shall also have the right from time to time to issue Additional Bonds under the Trust Agreement to provide funds for purposes authorized

Fourth Supplemental Trust Agreement

by Section 3345.07 of the Revised Code of Ohio, including construction and equipment by the University of buildings to be used as dormitories or as other living quarters or the refunding of outstanding bonds or notes issued under said Section 3345.07. The Trustee shall authenticate and deliver under the Trust Agreement Additional Bonds issued under this subdivision (b) if, (but only if), when such Additional Bonds are issued, the University shall have furnished to the Trustee in addition to the documents required by Section 2.03 of the Trust Agreement, a certificate of the President and the Fiscal Officer of the University, approved by the Board of Trustees, (1) showing that (a) the actual net income from the dormitory facilities of the University (excluding net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of such Additional Bonds) for the preceding fiscal year, as adjusted, if necessary, to reflect the schedule of rates and charges to become effective at the beginning of the next semester, quarter or other school period and to give recognition to any anticipated changes in operating costs; plus (b) the estimated annual net income of the dormitory facilities to be financed through the proceeds of the sale of such Additional Bonds will be equal to or greater than one and three-tenths (1.3) times the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Bonds then outstanding hereunder and on the Bonds then to be authenticated and delivered; (2) showing that, until the dormitory facility being constructed from the proceeds of the Additional Bonds, is ready for occupancy, funds then available from net income, bond proceeds, gifts, legacies, devises or grants or other sources for payment when due of principal and interest on the Bonds will be at least one and three-tenths (1.3) times the principal and interest requirements for that period; (3) showing that there were not included in net income any receipts against which there is any prior claim other than the use thereof for the operating expenses included in computing the net income; (4) furnishing such other information in support of the

Fourth Supplemental Trust Agreement

foregoing as may reasonably be requested by the Trustee; (5) showing that the computations of estimates provided for above are based on an assumed occupancy of not more than 95% of capacity of the dormitory facilities in question.

The first call date on Additional Bonds shall not be earlier than the first call date on any issue of Bonds outstanding at the time of issue of such Additional Bonds.

Section 6. Terms of the Bonds Generally. As used in this Resolution, the term "Bonds" refers to the Series A, B, C, D, E, F, G, H, and I Bonds and all additional Bonds issued on a parity therewith under the Trust Agreement. The Bonds shall be designated The Ohio State University Dormitory Revenue Bonds, shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, shall have all the incidents of negotiable instruments under the laws of Ohio, shall express upon their face the purpose for which they are issued, and shall be issued pursuant to Section 3345.07 of the Revised Code of Ohio. Unless otherwise provided by the Board, the Bonds shall be signed by the Chairman of the Board or bear his facsimile signature, shall be signed by the President of the University or bear his facsimile signature, shall be attested by the Secretary of the Board or by the Vice President, Business and Finance of the University, and shall be sealed with the seal of the University or a facsimile thereof, and interest coupons attached to the Bonds shall bear the facsimile signature of the Secretary of the Board or of the Vice President, Business and Finance of the University. In case any officer whose signature or a facsimile of whose signature shall appear on any Bonds or coupons shall cease to be such officer before the delivery of such Bonds, such signature or such facsimile shall nevertheless be valid and sufficient for all purposes, the same as if he had remained in office until such delivery. Except in the case of redemption of Bonds of a particular series from the surplus proceeds of that issue as provided in

Fourth Supplemental Trust Agreement

Section 5 of the Original Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time. The Additional Bonds shall bear such designations as may be necessary to distinguish them from other Bonds having different provisions and shall have maturities, interest rates, interest payment dates, redemption provisions, denominations, registration provisions, and other provisions as provided in the Resolution providing for issuance of the Additional Bonds, provided, however, that such terms and provisions shall not be inconsistent with this Resolution, the Trust Agreement or the then outstanding Bonds. On the terms provided herein, in the Trust Agreement and in the Bonds, the Bonds shall be equally and ratably payable from and secured by pledge of, the receipts from the operation of all dormitory facilities now or hereafter under control of the Board including the dining facilities constituting a part thereof, after provision for reasonable and proper expenses of operation and maintenance of such facilities; and anything in this Resolution, the Bonds or the Trust Agreement to the contrary notwithstanding, neither this Resolution, the Bonds, nor the Trust Agreement shall be a claim against or a lien upon any property of the State of Ohio or any property of or under the control of the Board except the portion of said receipts pledged as provided herein; provided, however, that nothing herein shall be deemed to prohibit the University, of its own volition, from using, or pledging, to the extent it is lawfully authorized to do so, any of its other resources or revenues for the fulfillment of any of the terms, conditions or obligations of the Trust Agreement, this Resolution, or any of the bonds.

Section 7. Covenants of the University. The University covenants with the holders of the Bonds and with the Trustee under the Trust Agreement that (a) it will adopt and maintain so long as any of the Bonds are outstanding such parietal rules, and charge and collect such rental rates and charges, from time to time, as may be necessary to assure such occupancy and use of, and receipts from, the dormitory

Fourth Supplemental Trust Agreement

facilities as will pay the costs of maintenance and operation and provide for the payment of the principal of and interest on the Bonds and other payments to Special Funds required by Section 8 of this Resolution; (b) from funds lawfully available, it will cause the Project and any project to be constructed from the proceeds of Additional Bonds to be completed and equipped in an efficient and economical manner with reasonable dispatch and in a manner consistent with the plans and recommendations of responsible architects and all applicable laws, ordinances and regulations; (c) subject to the right of abandonment under conditions provided in the Trust Agreement designed to prevent adverse effect of such abandonment on the expected earnings coverage of Debt Service, it will, from the dormitory receipts pledged under this resolution and as part of the operating expenses, maintain, preserve and keep the dormitory facilities in good repair, working order and operating condition and continuously operate the same on a revenue producing basis, and will apply the receipts therefrom only as provided in Section 8 of this Resolution and in the Trust Agreement; (d) it will furnish to the Trustee and the Original Purchasers of the Bonds within 120 days after the close of each fiscal year an annual report of the accounts (including each Special Fund provided for in Section 8 of this Resolution) and operations of the dormitory facilities prepared by qualified accountants approved by the Trustee; (e) it will keep proper books of record and accounts separate from all other records and accounts, in which complete and correct entries will be made of all transactions relating to the dormitory facilities and will at all reasonable times permit the Trustee, the Original Purchasers or any holder or holders of 25% of the outstanding Bonds, or their authorized representatives, to inspect the dormitory facilities and any books, documents and vouchers relating thereto; (f) it will furnish heat, light, power, water and other necessary services to the dormitory facilities at not in excess of reasonable cost; (g) it will comply with all the terms and conditions of the respective Loan Agreements with the Department

Fourth Supplemental Trust Agreement

of Housing and Urban Development as long as the United States holds any of the Series B, D, F, G, and H Bonds; (h) it will insure the dormitory facilities as required by the Trust Agreement and apply the proceeds of such insurance as provided therein; and (i) will observe and perform all its agreements and obligations provided for by the Bonds, the Trust Agreement or the Bond Resolution.

Section 8. Application of Receipts; Special Funds. There was established by the Original Bond Resolution a Special Fund designated "Dormitory Revenue Fund," which fund shall be maintained in a bank account, or invested as herein authorized, in the name of the University separate and distinct from all other funds of the University and subject to the withdrawals and uses herein authorized, is pledged to and charged with the payment of the principal, interest, and premium, if any, on all the Bonds issued under the Trust Agreement.

Under the Original Bond Resolution there shall be maintained in the Dormitory Revenue Fund, as in Operating Reserve, such amount as is from time to time certified by the Fiscal Officer of the University as adequate and necessary for working capital for operation and maintenance of the dormitory facilities; provided, that such Operating Reserve shall not exceed one-fourth of the operating and maintenance expenses of the dormitory facilities for the preceding 12 months.

All receipts from dormitory facilities, as defined in Section 10 hereof, now or hereafter under the control of the Board shall be deposited in the Dormitory Revenue Fund.

The Dormitory Revenue Fund, including the Operating Reserve, shall be applied to pay when due all reasonable and proper expenses of operation and maintenance (as defined in Section 10) of the dormitory facilities, excluding extraordinary repair and replacement expenses payable from the Contingency Repair and Replacement Fund and expenses of or provision for depreciation or capital replacement.

Fourth Supplemental Trust Agreement

The remainder of the Dormitory Revenue Fund, after retaining therein the then current Operating Reserve and payment of said operation and maintenance expenses then due, shall be applied as provided in the Original Bond Resolution, namely, as follows and in the following order of priority:

First: Into the Debt Service Fund, to be held by the Trustee as a separate fund and used for the payment of principal and interest on the Bonds, the amounts provided in the Original Bond Resolution and in the Bond Resolutions relating to the Series C, D, E, F, G and H Bonds for payment of principal and interest on the Series A, B, C, D, E, F, G and H Bonds and, in addition, (1) on or before April 1 and October 1 of each year an amount equal to the interest due and on the next ensuing interest payment date in that year on the Series I Bonds then outstanding; provided, that, the amount so payable on any such date into the Debt Service Fund shall be reduced by the amount otherwise available in said Debt Service Fund for such payment; (2) on or before April 1 and October 1 of each year, the equal semi-annual amounts necessary to provide for payment of any principal maturity in that year on the Series I Bonds; (3) if Additional Bonds shall be issued under the Trust Agreement, such additional amounts and at such times as specified in the resolution authorizing such Additional Bonds, which amounts shall be not less than necessary to provide in the Debt Service Fund amounts, in addition to the amounts hereinbefore provided for the Series A, B, C, D, E, F, G, H, and I Bonds, sufficient to pay in full interest and principal on all Additional Bonds then outstanding as the same shall become due and payable; provided that no payments need be made to the Debt Service Fund so long as the amounts in the Debt Service Fund and Debt Service Reserve Fund aggregate at least the total principal and interest payable on all Bonds then outstanding to the dates of their respective maturities.

Second: Into the Debt Service Reserve Fund, to be held by the Trustee as a separate fund for the payment of principal and interest on, and purchase or

Fourth Supplemental Trust Agreement

redemption of, the Bonds as herein provided, on or before April 1 and October 1 of each year and on such other dates as amounts are payable into the Debt Service Fund with respect to Additional Bonds, such amounts as are necessary to create and maintain in said Debt Service Reserve Fund the required reserve, namely, an amount equal to the maximum principal and interest requirements for any consecutive two-year period on all Bonds at the time outstanding;

Third: Into the Contingency Repair and Replacement Fund, to be held by the University as a fund separate and distinct from all other funds of the University, semi-annually on or before April 1 and October 1 of each year, or as soon thereafter as the required reserve has been established in the Debt Service Reserve Fund, an amount equal to one-quarter of one percent of the cost of construction on all dormitory facilities then under the control of the Board and 3 percent of the cost of movable equipment for all such dormitory facilities, which fund may be used by the University to the extent necessary for payment of principal and interest on the Bonds or for extraordinary repairs and replacements to the dormitory facilities or for construction or equipping of additional dormitory facilities;

Fourth: On April 1 and October 1 of each year, to the foregoing funds, such amounts as may be necessary to make up previous deficiency in any deposits required by the foregoing paragraphs of this section;

Fifth: So long as there is no deficiency in any of the deposits provided for in Paragraphs First through Fourth above and so long as the amounts in the Debt Service Reserve Fund are at least equal to the then required reserve, any amounts in the Dormitory Revenue Fund, after reserving therein the then current Operating Reserve, may be used for any purpose of the University for which such funds may lawfully be used.

The Debt Service Fund is irrevocably pledged to and shall be used by the Trustee for the payment of principal and interest on the Bonds and, until required

Fourth Supplemental Trust Agreement

for such purposes, shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing addressed to the Trustee, which writing shall determine that the maturity of the respective obligations is not later than the date on which such funds will be required for payment of such principal and interest. The Trustee shall transfer from the Debt Service Fund to the Paying Agents amounts sufficient to enable said Paying Agents to pay when due principal and interest on the Bonds, or the Trustee shall make such credit arrangements with said Paying Agents as to permit such payments.

The Debt Service Reserve Fund is irrevocably pledged to, and shall be used by the Trustee for, the payment of principal and interest on the Bonds if other available funds are insufficient for that purpose, and, to the extent herein provided, for purchase or redemption of Bonds. Until required for such purposes it shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing, which obligations shall mature not more than five years from the date of investment. The Trustee shall transfer from the Debt Service Reserve Fund to the Debt Service Fund such amounts as are necessary in addition to amounts available in the Debt Service Fund, including funds transferred from the Contingency Repair and Replacement Fund, to enable said Paying Agents to pay when due the principal and interest on the Bonds.

Any amounts in the Debt Service Reserve Fund in excess of the required reserve provided for in Paragraph Second above shall be used to purchase Bonds for retirement or to redeem Bonds then subject to redemption to the extent and in the manner from time to time requested in writing by the President and the Fiscal Officer of the University. In calculating at any time whether additional amounts are required to be paid into the Debt Service Reserve Fund under Paragraph Second above and in calculating the excess over the required reserve, no value shall be given to any

Fourth Supplemental Trust Agreement

investments of the fund other than direct obligations of the United States maturing within five years from the date of such calculation, but in all other respects, such investments shall be valued at their face amount or market value, whichever is lower.

The Contingency Repair and Replacement Fund is irrevocably pledged to, and shall be used by the University for, extraordinary repairs and replacements to the dormitory facilities or to construct or equip additional dormitory facilities or for the retirement of all then outstanding Bonds by purchase or redemption or for payment of the principal and interest by transfer to the Debt Service Fund as herein provided. The University shall transfer from the Contingency Repair and Replacement Fund to the Debt Service Fund such amounts as are from time to time necessary, in addition to the other amounts available in the Debt Service Fund and without use of the Debt Service Reserve Fund, to provide for the payment, when due, of the principal and interest on the Bonds and shall not use any of the fund for repairs or replacement or additional facilities if there is any deficiency in any of the deposits required to be made under subparagraphs First or Second of this Section. Until required for such purposes, the Contingency Repair and Replacement Fund may be invested by the President and the Fiscal Officer of the University in direct obligations of the United States maturing not more than five years from the date of investment.

Investments made pursuant to this Section 8 of any amounts in any Special Fund herein created and the interest thereon and the proceeds thereof shall constitute part of that Special Fund and be added to that particular fund. Such investments shall be sold, exchanged or collected from time to time as directed by the President and the Fiscal Officer of the University, and the Trustee shall be under no liability and have no responsibility in connection with such investment, or the sale, exchange, or collection thereof, provided the directions of said officers are followed.

Section 9. Trust Agreement. In order to secure the payment of the principal and interest on the Bonds, the President of the University and the Chairman

Fourth Supplemental Trust Agreement

of the Board of Trustees, and each of them, are authorized to execute, acknowledge and deliver as may be appropriate the Fourth Supplemental Trust Agreement in substantially the form attached hereto, and the Secretary of the Board of Trustees is authorized to seal and attest the same, with such changes not unfavorable to the University as the Officers acting shall deem advisable and as shall be approved by the Original Purchasers of the Series I Bonds. The terms and provisions of the Trust Agreement are hereby confirmed and adopted and the terms of said Trust Agreement purporting to be applicable to the Series A and Series B Bonds or to the Project to be constructed from the proceeds of the Series A and Series B Bonds shall be deemed equally applicable to the Series I Bonds and the Project covered by this Resolution to the extent that the same are not inconsistent with the terms or provisions of this Resolution and the context so permits.

Section 10. Definitions. Where the context permits, the following terms as used in this Resolution or in the Trust Agreement shall have the following meanings: (1) "the Fiscal Officer" shall mean the Vice President, Business and Finance, of the University or any official or employee performing the duties of such officer for the time being. The Comptroller or the Assistant Vice President-Assistant Treasurer, or any official or employee performing the duties of such officer for the time being, shall also be "a Fiscal Officer" when the context so permits. (2) "Additional Bonds" shall mean Bonds issued pursuant to the Trust Agreement in addition to and on a parity with the Series A, B, C, D, E, F, G, H, and I Bonds and "Bonds" shall mean both the Series A, B, C, D, E, F, G, H, and I Bonds and Additional Bonds; (3) "Agreement" or "Trust Agreement" shall refer to the Trust Agreement dated as of April 15, 1957 as from time to time supplemented pursuant to its terms; (4) "Dormitory Facilities" shall mean buildings, groups of buildings or parts of or additions to buildings, including the sites therefor, now or hereafter constructed, acquired by or under the control of the Board and authorized to be constructed, equipped, maintained and operated by

Fourth Supplemental Trust Agreement

Section 3345.07 of the Revised Code of Ohio, including the dormitories, additions to dormitories, dining facilities, and married student housing facilities or projects and all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services or facilities to be provided by such buildings located on or in close proximity to the campus; (5) "Net Income" shall mean all receipts of the operation of dormitory facilities after deducting therefrom the reasonable and proper operating and maintenance expenses thereof; (6) "Reasonable and Proper Operating and Maintenance Expenses" shall mean ordinary and usual reasonable expenditures necessary to the operation, repair and maintenance of the dormitory facilities including, without limiting the generality of the foregoing, taxes, fees and expenses of the Trustee and paying agents and any expenses required to be paid by the Bond Resolution or the Trust Agreement, but excluding provision or expenditure for depreciation or capital replacement or expenditures for administration or regulation of the occupants of the dormitory facilities which expenditures do not constitute costs of the type included as costs of operation of the dormitory facilities under the present accounting practice of the University or expenditures for extraordinary repairs or replacements or payments to the Debt Service Fund, Debt Service Reserve Fund or Contingency Repair and Replacement Fund; (7) "Trustee" refers to the Trustee under the Trust Agreement, presently The Ohio National Bank of Columbus; (8) Any reference to an officer of the University or of the Board in this Resolution shall refer to the person holding such office or, in the event of resignation, absence, incapacity or vacancy in such office, then the person performing the duties of such office; any reference to Section 3345.07 of the Revised Code of Ohio shall, where the context permits, mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation.

Fourth Supplemental Trust Agreement

Section 11. General. The appropriate officers of the University and the Board, the architects and engineers employed by the University, and the Trustee designated in the Trust Agreement are authorized and directed to do all things necessary or proper to carry out the terms and provisions of this Resolution, the Trust Agreement and the sale referred to in Section 3 above and to effect the execution, sale and delivery of said Series I Bonds in accordance therewith if approved by the President and Fiscal Officer of the University. The obligations imposed upon the University under this Resolution or the Trust Agreement are established as duties specifically enjoined upon the University, the Board and the officials of the University by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

Whereas, the text of the Series I Bonds and the coupons, if any, to be attached thereto and the authentication certificate of the Trustee to be endorsed thereon are to be substantially as follows:

(Form of Coupon Bond)

The form of Coupon Bond shall be identical with the form of Coupon Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate and corresponding coupon form in said Coupon Bond the following paragraphs and coupon form:

* * * * *

This Bond is a Series I Bond and is one of a duly authorized issue of \$10,500,000 of Dormitory Revenue Bonds Series I of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the Resolutions of the Board of Trustees of April 8, 1957 and July 13, 1967 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third and Fourth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

Fourth Supplemental Trust Agreement

The University hereby reserves the right to call and redeem the Bonds of this Series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after October 15, 1977, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1977 to 1982, inclusive; three percent (3%) if redeemed 1983 to 1987, inclusive; two percent (2%) if redeemed 1988 to 1992, inclusive; one and one-half percent (1-1/2%) if redeemed 1993 to 1997, inclusive; and one percent (1%) if redeemed after 1997. If less than all the Bonds (or parts of Registered Bonds) of one maturity and of one series are to be called, the Coupon Bonds or portions of fully Registered Bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

* * * * *

The Series A, B, C, D, E, F, G, H, and I Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

* * * * *

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any, and with the effect provided in the Agreement.

* * * * *

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this Bond to be signed by the facsimile signatures of the Chairman of the Board of Trustees and of the President of the University and to be attested by the Vice President, Business and Finance, of the University and to bear a facsimile of the seal of the University and the interest coupons attached hereto to bear the facsimile signature of the Secretary of the Board of Trustees, all as of August 1, 1967.

Fourth Supplemental Trust Agreement

* * * * *

(Form of Trustee's Authentication Certificate)

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fourth Supplemental Trust Agreement dated as of August 1, 1967.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

* * * * *

(Form of Coupon)

On the _____ day of _____, 19____, unless the bond to which this coupon is attached has been called for previous redemption, The Ohio State University and its Board of Trustees, as such Trustees and not individually, will pay to bearer, but only from the sources and in the manner provided in the Trust Agreement dated April 15, 1957, and supplement thereto dated August 1, 1967, between the said University and said Board and The Ohio National Bank of Columbus, as Trustee, and not from the general or ordinary funds of the State of Ohio or said Board or University, on the surrender of this coupon at the principal office of The Ohio National Bank of Columbus, Columbus, Ohio, or, at the option of the holder, at the principal corporate trust office of The United States Trust Company of New York, in the Borough of Manhattan, City and State of New York

Dollars (\$ _____)

in lawful money of the United States of America, being interest then due on The Ohio State University Dormitory Revenue Bond, Series I dated August 1, 1967.

(Facsimile Signature) Bond No. _____

Coupon No. _____

Secretary of the Board of Trustees

(Form of Fully Registered Bond of Single Maturity)

The form of Registered Bonds without coupons of single maturity shall be identical with the form of Registered Bond set forth in the Trust Agreement dated

Fourth Supplemental Trust Agreement

as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate in said Registered Bond the following paragraphs:

* * * * *

This Bond is a Series I Bond and is one of a duly authorized issue of \$10,500,000 of Dormitory Revenue Bonds Series I of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the resolutions of the Board of Trustees of April 8, 1957 and July 13, 1967 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third and Fourth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this Series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after October 15, 1977, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1977 to 1982, inclusive; three percent (3%) if redeemed 1983 to 1987, inclusive; two percent (2%) if redeemed 1988 to 1992, inclusive; one and one-half percent (1-1/2%) if redeemed 1993 to 1997, inclusive; and one percent (1%) if redeemed after 1997. If less than all the Bonds (or parts of registered Bonds) of one maturity and of one series are to be called, the coupon bonds or portions of fully registered bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds, from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

* * * * *

The Series A, B, C, D, E, F, G, H, and I Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

* * * * *

Fourth Supplemental Trust Agreement

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any, and with the effect provided in the Agreement.

* * * * *

(Form of Trustee's Authentication Certificate)

TRUSTEE'S CERTIFICATE

The Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fourth Supplemental Trust Agreement dated as of _____.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

NOW, THEREFORE, THIS SUPPLEMENTAL TRUST AGREEMENT, WITNESSETH that in order to secure the payment of the principal of and interest on the Bonds according to their true intent and meaning, and to secure the performance and observance of all covenants and conditions therein and herein, in the Bond Resolution and in the Trust Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable considerations the receipt of which is hereby acknowledged, the University has executed and delivered this Fourth Supplemental Trust Agreement.

IN TRUST, NEVERTHELESS, upon the terms and trusts in the Trust Agreement and in this Supplement set forth for the equal and proportionate benefit and security of all present and future holders of the Bonds and appurtenant coupons

Fourth Supplemental Trust Agreement

issued or to be issued under and secured by the said agreements, without preference, priority or distinction, as to lien or otherwise, of any one bond or coupon over any other by reason of priority in the time of the issue or negotiation thereof or otherwise, except as may be otherwise expressly provided in said Trust Agreement.

AND IT IS HEREBY COVENANTED AND DECLARED by the University with the Trustee and its successors in the trust under the Trust Agreement for the benefit of those who shall hold such Bonds and appurtenant coupons at any time issued and outstanding under the Trust Agreement as follows:

Section 1. Incorporation of Bond Resolution. The Series I Bond Resolution is hereby made a part of this Supplement and of the Trust Agreement.

Section 2. Form, Execution and Delivery of Series I Bonds. The Series I Bonds shall be executed, authenticated and delivered as provided herein, and said Series I Bonds, the coupons to be attached thereto, and the certificate of authentication of the Trustee to be endorsed thereon shall be substantially in the form provided in the preambles hereto with any necessary modifications to conform hereto.

Section 3. Proceeds of Sale. The proceeds from the sale of the Series I Bonds shall be applied as provided in the Bond Resolution.

Section 4. Concerning the Trustee. The Trustee hereby accepts the trusts hereby declared and provided and agrees to perform the same upon the terms and conditions in the Trust Agreement and in this or any other Supplement set forth.

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplement or the due execution thereof by the University, nor for or in respect of the recitals herein contained, all of which recitals are made by the University solely. In general, each and every term and condition contained in the Original Trust Agreement shall apply to this Supplement, with such omissions, variations and modifications thereof as may be appropriate to make the same conform to this Supplement.

Fourth Supplemental Trust Agreement

IN WITNESS WHEREOF, the Board of Trustees has caused this Fourth Supplemental Trust Agreement to be executed and its seal to be hereto affixed and The Ohio National Bank of Columbus, Columbus, Ohio, as Trustee, in token of its acceptance of the Trusts created hereunder, has caused this Fourth Supplemental Trust Agreement to be executed and has caused its seal to be hereto affixed all as of the day and year first above written.

(Seal)

The Ohio State University
and
The Board of and Trustees of
The Ohio State University

Attest:

By _____
President

Secretary

And by _____
Chairman of the Board

(Seal)

The Ohio National Bank of Columbus,
Trustee

Attest:

By _____
Vice President

Trust Officer

Fourth Supplemental Trust Agreement

STATE OF OHIO

COUNTY OF FRANKLIN, SS.

On this _____ day of _____, 196__, before me a Notary Public in and for said County and State personally appeared _____ and _____, the President and the Chairman of the Board, respectively, of The Ohio State University, and acknowledged the execution of the foregoing instrument, and that the same is their voluntary act and deed on behalf of said University and its Board of Trustees and the voluntary act and deed of said University and Board of Trustees.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

Notary Public
(Seal)

STATE OF OHIO

COUNTY OF FRANKLIN, SS.

On this _____ day of _____, 196__, before me a Notary Public in and for said County and State personally appeared _____ and _____, the Vice President and Trust Officer respectively of The Ohio National Bank of Columbus, the bank which executed the foregoing instrument as Trustee, who acknowledged that the seal affixed to said instrument is the seal of said bank, that they did sign said instrument as such officers, respectively, for and on behalf of said bank and by authority granted in its rules and regulations and by its Board of Directors; that the same is their free act and deed as such officers, respectively, and the free act and deed of said The Ohio National Bank of Columbus.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

Notary Public
(Seal)

Page 84 is blank

SUPPLEMENT B

THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$10,500,000
Dormitory Revenue Bonds, Series I

Page 86 is blank

THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section 6(b) of the Original Bond Resolution Adopted April 8, 1957, for Issuance of \$10,500,000 Dormitory Revenue Bonds, Series I

The undersigned respectively, the President and the Fiscal Officer of The Ohio State University (the latter being also the Vice President, Business and Finance of the University) pursuant to Section 6(b) of the Original Bond Resolution adopted April 8, 1957, certify as follows in connection with the issuance of \$10,500,000 Dormitory Revenue Bonds, Series I:

1. That the actual net income from existing dormitory facilities (other than those referred to in 2 below) for the fiscal year ended June 30, 1967, adjusted pursuant to said Section 6(b), is: (Note 1) \$1,757,732

2. That the estimated annual net income from dormitory facilities to be financed through issuance of the Series I Bonds consisting of Drackett and Taylor Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility is: (Note 2) 834,546

- Total of Items 1 and 2 above is: \$2,592,278

3. That the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Series A, B, C, D, E, F, G, H and I Bonds is: (Note 3) \$1,870,537

4. That the ratio of total of such net income to such maximum annual principal and interest requirements on Series A, B, C, D, E, F, G, H and I Bonds is: 1.3858

5. That there was not included in such net incomes net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of the Series I Bonds, nor any receipts against which there is any prior claim other than the use thereof for the operating expenses of the dormitory facilities.

Note 1 The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented by First through Fourth Supplemental Trust Agreements. The actual net income for the year ended June 30, 1967, is adjusted to reflect the schedule of rates and charges approved by the Board of Trustees on June 8, 1967 and to become effective at the beginning of the Autumn Quarter of the academic year 1967-68; and to give recognition to anticipated changes


Certificate of Earnings Coverage (continued)

in operating costs of the dormitory facilities, resulting from the review and recomputation of the basis of allocating costs of heat, light, power and water to all auxiliary facilities, including dormitory facilities, by direction of the Board of Trustees, pursuant to which the revised reasonable changes therefor to the dormitory facilities will be reduced by an estimated \$200,000.

- Note 2 Estimated net income is computed in accordance with the Trust Agreement on the basis of 95% occupancy and estimated expenses are consistent with those experienced in similar existing facilities. It is hereby certified that the facility, Drackett Tower, under Item 2 was placed in operation in March, 1965, Houck House was placed in operation in January, 1966, Archer and Nosker Houses and Taylor Tower were placed in operation in September, 1966, and that Raney Commons Dining Facility was placed in operation in January, 1967. Until Jones Tower is ready for occupancy the net income from the Dormitory Facilities and the principal and interest requirements will be as shown in paragraphs 2 and 3 above.
- Note 3 Series I Bonds are computed at 4-3/4%. Series A through H are computed on basis of actual interest rates for those bonds.



Norrie M. Lawrence
President
The Ohio State University



Gordon Baron
Vice President, Business
and Finance
The Ohio State University

Dated: July 12, 1967

SUPPLEMENT C

THE OHIO STATE UNIVERSITY

Certificate Pursuant to Section 2.03(4) of Trust Agreement
Between the University and The Ohio National Bank of
Columbus, as Trustee, Dated April 15, 1957 for Issuance
of \$10,500,000 Dormitory Revenue Bonds, Series I

Page 90 is blank

THE OHIO STATE UNIVERSITY

Certificate Pursuant to Section 2.03(4) of Trust Agreement
Between the University and The Ohio National Bank of
Columbus, as Trustee, Dated April 15, 1957 for Issuance
of \$10,500,000 Dormitory Revenue Bonds, Series I

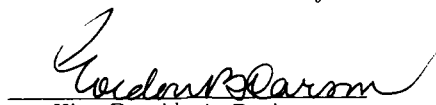
The undersigned respectively, the President and the Vice President,
Business and Finance of The Ohio State University, pursuant to Section 2.03(4)
of the Trust Agreement between the University and The Ohio National Bank of
Columbus, as Trustee, dated April 15, 1957, certify as follows in connection
with the issuance of \$10,500,000 Dormitory Revenue Bonds, Series I:

- (a) That they know of no existing facts which would be an event of default under the Trust Agreement and that they know of no facts which, on granting of the application for the authentication of the Series I Bonds, would result in the University being in default in the performance of any of the terms or covenants of the Trust Agreement;
- (b) That, in the opinion of the signer thereof, all conditions provided in the Trust Agreement precedent to the granting of said application have been complied with;
- (c) That, since the beginning of the current fiscal year, there has been no material change which would adversely effect the estimates in the Earnings Certificate referred to in Section 6(b) of the Original Bond Resolution relating to the Series I Bonds; and
- (d) That the proceeds of the Series I Bonds will be sufficient to, and are necessary to, complete the project for which they are issued.

The undersigned further certify that the Vice President, Business and Finance, is the chief financial officer of the University.



President
The Ohio State University



Vice President, Business
and Finance
The Ohio State University

July 12, 1967

Page 92 is blank

SUPPLEMENT D

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1967

Page 94 is blank

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE NOTE, SERIES 1967

No.

\$

KNOW ALL MEN BY THESE PRESENTS that The Ohio State University and its Board of Trustees (herein collectively called the University), for value received, hereby promise to pay, solely from the sources hereinafter set forth, to the bearer on the fifteenth day of September, 1968, the principal sum of

_____ DOLLARS

and to pay, solely from said sources, interest thereon from the date hereof at the rate of _____ percent (____%) per annum until payment of such principal sum has been made or provided for, such interest to the maturity hereof being payable on _____. The interest on this note and the principal hereof are payable in lawful money of the United States of America at the principal office of _____ upon the presentation and surrender of this note. The principal and interest hereof are payable solely from (a) the revenues of the Dormitory Facilities, as defined in the Trust Agreement between the University and The Ohio National Bank of Columbus, dated as of April 15, 1957, as supplemented pursuant to the terms thereof, after providing for reasonable and proper expenses of operation and maintenance thereof and all payments required from time to time to be made to the Special Funds created under such Trust Agreement, as supplemented, and (b) the proceeds of the sale of dormitory revenue bonds or notes issued pursuant to Section 3345.07 of the Revised Code of Ohio, or other authorizing provision of law, to refund the notes of this issue; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and this note is not a general obligation of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof.

This note is one of a duly authorized issue of notes in the aggregate principal amount of Three Million Dollars (\$3,000,000) issued for the purpose of refunding part of the presently outstanding \$14,000,000 principal amount of The Ohio State University Dormitory Revenue Notes of 1966 dated as of September 15, 1966 under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.07 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the 13th day of July, 1967.

In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of dormitory

Dormitory Revenue Note, Series 1967 (continued)

revenue bonds or notes for the refunding of this note, pursuant to Section 3345.07 of the Revised Code of Ohio or other provision of law authorizing such bonds or notes, in such principal amount as shall be necessary to pay the principal of and interest on the notes of this issue and shall apply the proceeds thereof to such purpose, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions, and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be signed on their behalf by the Vice President, Business and Finance, of the University, all as of the fifteenth day of September, 1967.

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

By _____
Vice President, Business and Finance
of The Ohio State University

(SEAL)

SUPPLEMENT E

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

Page 98 is blank

THE OHIO STATE UNIVERSITY
DORMITORY REVENUE BONDS
SERIES J

FIFTH SUPPLEMENTAL TRUST AGREEMENT

THIS FIFTH SUPPLEMENTAL TRUST AGREEMENT, dated as of the _____ day of _____, 1967 (herein called the "Supplement"), by and between The Ohio State University and its Board of Trustees (herein called the "University"), a state university of Ohio, and The Ohio National Bank of Columbus, Columbus, Ohio (herein called the "Trustee"), a corporation duly organized and existing under and by virtue of the laws of the United States, as Trustee under the Trust Agreement dated as of April 15, 1957 hereinafter mentioned.

WITNESSETH:

WHEREAS, the University, pursuant to the Original Bond Resolution passed April 8, 1957, entered into a Trust Agreement dated as of April 15, 1957 with the Trustee and as of April 15, 1958, October 15, 1959, April 15, 1961, April 15, 1963, and August 1, 1967, respectively entered into First, Second, Third and Fourth Supplemental Trust Agreements (which original Trust Agreement, as so supplemented thereby and hereby is herein called the "Trust Agreement") under which \$37,560,000 Series A, B, C, D, E, F, G, H and I Dormitory Revenue Bonds have been authorized and have been or are to be issued and under which additional bonds (herein called "Additional Bonds") are issuable on a parity with the said Bonds and other Additional Bonds hereafter issued under certain conditions as provided in the Trust Agreement; and

WHEREAS, the University has in all respects complied with the provisions of the Trust Agreement so as to be entitled to execute and to have authenticated and delivered by the Trustee \$3,000,000 Additional Bonds; and

WHEREAS, the University further desires by this Supplement to provide for the issuance under the Trust Agreement of said \$3,000,000 of Additional Bonds (herein called the Series J Bonds); and

Fifth Supplemental Trust Agreement

WHEREAS, the Board of Trustees of the University has duly adopted on July 13, 1967 the Series J Bond Resolution providing for the Series J Bonds and this Supplement, which resolution, collectively with the Original Bond Resolution, the Series C and D Bond Resolutions adopted July 8, 1960, the Series E, F, G, and H Bond Resolution adopted June 15, 1962, and the Series I Bond Resolution adopted July 13, 1967 is referred to as the Bond Resolution; and

WHEREAS, the Series J Bond Resolution is as follows:

RESOLUTION

Providing for the issuance of \$3,000,000 The Ohio State University Dormitory Revenue Bonds, Series J, as Additional Parity Bonds pursuant to Bond Resolution adopted April 8, 1957 and Trust Agreement dated as of April 15, 1957, for the purpose of constructing and equipping Jones Tower.

WHEREAS, the Board of Trustees of The Ohio State University (herein called the Board) is vested with the government of The Ohio State University (herein called the University or, when the context admits, collectively with the Board called the University) by Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all land, buildings and other property of the University and control of all expenses therefor; and

WHEREAS, by authority of Section 3345.07 of the Revised Code of Ohio, the Board is authorized to construct, equip, maintain and operate upon sites within, or in close proximity to, the campus of the University, buildings to be used as dormitories and as other suitable living quarters, or as dining halls, for students and members of the faculty and servants and wives and families of married students of said University (including all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services of facilities to be provided by

Fifth Supplemental Trust Agreement

such buildings) and to pay for the same out of funds in its possession derived from operation of any such buildings under its control or out of funds borrowed therefor and to borrow funds for such purpose upon such terms as said Board may deem proper and issue notes or other written instruments evidencing such indebtedness provided that such indebtedness shall not be a claim against or lien upon any property of the State or any property of or under the control of said Board excepting such parts of the receipts of the operation of any such buildings under control of the Board as it may pledge to secure the payment of such indebtedness and by authority of said Section 3345.07 the Board is also authorized to issue such notes or other obligations payable as aforesaid in order to retire or refund outstanding notes or other obligations matured or unmatured, to repay moneys previously borrowed or advanced under said section or to reimburse funds of the University for amounts used under said Section 3345.07; and

WHEREAS, the University determined by resolution adopted April 8, 1957 (herein called the Original Bond Resolution and collectively with this resolution, the Series C and D Bond Resolution adopted July 8, 1960, the Series E, F, G and H Bond Resolution adopted June 15, 1962 and the Series I Bond Resolution adopted July 13, 1967, called the Bond Resolution) to provide for the issuance of Dormitory Revenue Bonds and pursuant to the Trust Agreement dated as of April 15, 1957 with The Ohio National Bank of Columbus (herein, with the First, Second, Third, Fourth and Fifth Supplements, called the Trust Agreement), to pledge the net income of all the dormitory facilities, including married student housing and dining halls, now or hereafter under control of the University pursuant to Ohio Revised Code Section 3345.07, and to provide in said Trust Agreement for the issuance of such Bonds (herein called the Bonds) as from time to time authorized subject to the conditions contained in said Trust Agreement, and by the Original Bond Resolution and the Trust Agreement provided for the sale of an initial issue

Fifth Supplemental Trust Agreement

of \$12,000,000 consisting of \$6,000,000 Series A Bonds and \$6,000,000 Series B Bonds (herein called the Series A and Series B Bonds) and for the issuance from time to time as authorized by the Board of additional bonds (herein called Additional Bonds) on a parity with said initial issue of which \$2,330,000 Series C Bonds, \$2,030,000 Series D Bonds, \$5,300,000 Series E Bonds, \$1,200,000 Series F Bonds, \$1,350,000 Series G Bonds, \$2,850,000 Series H Bonds and \$10,500,000 Series I Bonds have been authorized and issued and the unmatured portions of such Series A through I Bonds are presently outstanding; and

WHEREAS, the University has not pledged or encumbered the revenues from its dormitory facilities on a basis equal or prior to the pledges under the Trust Agreement; and

WHEREAS, the University has determined to sell an issue of \$3,000,000 Additional Bonds as Series J Bonds (herein called the Series J Bonds) all as provided in the Trust Agreement; and

WHEREAS, the Board by the adoption of this resolution has determined and confirmed that it is necessary to provide additional dormitory accommodations and dining facilities located on or in close proximity to the campus of the University and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip additional dormitory facilities to be known as Jones Tower (said dormitory building and all things incidental thereto being herein referred to as the Project); and

WHEREAS, said Project is to be constructed pursuant to plans approved by the Department of Public Works of Ohio, and prepared by the University Architect; and

WHEREAS, based upon final construction costs, construction contracts and estimates received from its architect, the University has determined that the costs of the Project will be \$3,610,000, including capitalized interest, miscellaneous expenses and contingencies; and

Fifth Supplemental Trust Agreement

WHEREAS, the University has heretofore by the Series I Bond Resolution adopted July 13, 1967, allocated \$610,000 of the proceeds of the sale of the Series I Bonds to the Series J Construction fund hereinafter provided for to be held and used for paying costs of the Project; and

WHEREAS, the University has determined to borrow the balance of the funds to pay the foregoing costs, and to advertise for bids, subject to the terms of any loan agreement that might be entered into with the United States with respect to the Series J Bonds (hereinafter called the Loan Agreement), for the purchase of \$3,000,000 Dormitory Revenue Bonds, Series J, by investment bankers or others.

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. Purpose of Series J Bonds. It is hereby determined to be necessary to construct the Project and to issue \$3,000,000 of Dormitory Revenue Bonds of the University pursuant to Section 3345.07 of the Revised Code of Ohio and the Trust Agreement for the purpose of paying part of the cost of the Project and of all things incidental thereto or incidental to the financing thereof, including repayment of moneys previously borrowed or advanced for the Project or restoring amounts used for the Project from other funds of the University available for such purposes, excepting, however, the sum of \$610,000 allocated from the proceeds of the Series I Bonds to the Series J Construction Fund under this Resolution.

Section 2. Terms of Series J Bonds. Said \$3,000,000 of Dormitory Revenue Bonds Series J shall be issued under this Resolution, the Original Bond Resolution, and the Trust Agreement, and shall be entitled "The Ohio State University Dormitory Revenue Bonds". The Series J Bonds shall be initially issued in coupon or fully registered form as may be requested by the Original Purchaser and shall be exchangeable for fully registered or coupon bonds in the manner and on

Fifth Supplemental Trust Agreement

the terms provided by the Trust Agreement. Series J Bonds in coupon form shall be dated as of the first day of the month in which bids for the purchase thereof are opened, and shall be in the denomination of \$5,000 each and registrable as to principal. Series J Bonds in fully registered form shall be in the denomination of \$5,000 or any multiple thereof. Such Bonds in both coupon and fully registered form shall be numbered as determined by the Fiscal Officer of the University. Each Series J Bond in fully registered form without coupons shall be dated as of the interest payment date on which it is authenticated or on the interest date next preceding the date of its authentication or as of the same date as the coupon bonds if authenticated prior to the first interest payment date; provided, however, if at the time of authentication of a registered bond without coupons, interest is in default, such Bond shall be dated as of the date to which interest has been paid. Notwithstanding the foregoing, in the event that the United States shall purchase any of such bonds pursuant to a Loan Agreement, until such time as the Original Purchaser or Purchasers request definitive bonds, a single multiple maturity, fully registered bond without coupons will be issued to him in the amount contracted for and thereafter at his request the University will, at its expense and within ninety days from such request, issue to him in exchange therefor definitive bonds, as aforesaid, in aggregate principal amount equal to the unpaid principal of such single bond. The Series J Bonds shall bear interest payable semi-annually on April fifteenth and October fifteenth of each year, beginning with the first such date occurring at least six months following the date of the coupon Bonds, until the principal sum is paid at the rate or rates per annum stipulated in the bid of the successful bidders, and approved in writing by the President or Fiscal Officer of the University, provided that no such rate shall exceed 6% per annum. The Series J Bonds shall mature annually on October fifteenth in the years and amounts per year as follows:

Fifth Supplemental Trust Agreement

<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>	<u>Year</u>	<u>Amount</u>
1969	\$ 40,000	1979	\$ 50,000	1989	\$ 70,000	1999	\$105,000
1970	40,000	1980	55,000	1990	75,000	2000	110,000
1971	45,000	1981	55,000	1991	75,000	2001	110,000
1972	45,000	1982	60,000	1992	80,000	2002	120,000
1973	45,000	1983	60,000	1993	80,000	2003	120,000
1974	45,000	1984	60,000	1994	85,000	2004	130,000
1975	45,000	1985	60,000	1995	90,000	2005	130,000
1976	50,000	1986	65,000	1996	90,000	2006	140,000
1977	50,000	1987	65,000	1997	95,000	2007	140,000
1978	50,000	1988	70,000	1998	100,000		

The Series J Bonds maturing on and after October 15, 1979 shall be subject to redemption in whole or in part on any interest payment date on and after October 15, 1978, at redemption prices equal to the following percentages of the principal amount redeemed, plus accrued interest to the date fixed for redemption, to wit:

- 104% if redeemed on or before October 15, 1983;
- 103% if redeemed thereafter but on or before October 15, 1988;
- 102% if redeemed thereafter but on or before October 15, 1993;
- 101-1/2% if redeemed thereafter but on or before October 15, 1998;
- 101% if redeemed thereafter.

If less than the entire unmaturing portion of the Series J Bonds is called for redemption at any time or from time to time, they shall be called in inverse order of maturity of the Bonds of that series outstanding; and if less than all of said bonds outstanding of one maturity are to be called, the selection of bonds or portions of fully registered bonds of such maturity to be called shall be made by lot conducted by the Trustee under the Trust Agreement. Such call for redemption shall be made by notice specifying the numbers, and portions of registered bonds, of the Series J Bonds to be called, published by the Trustee on behalf of the University once a week for two consecutive weeks in a financial newspaper of national circulation, published in the English language in New York City and in an English language newspaper of general circulation in Columbus, Ohio, the first publication to be not less than thirty (30) days prior to the date of redemption. Any bonds thus called for redemption and for the retirement of which funds are deposited with said Trustee as provided in the Trust Agreement on or before the redemption date shall cease to bear interest on

Fifth Supplemental Trust Agreement

said redemption date. A registered bond shall have prepayment provisions consistent with the redemption rights relating to coupon bonds which it replaces.

Subject to the terms of the Loan Agreement, the principal and interest of the Series J Bonds shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, at the principal office of the Trustee under the Trust Agreement (presently, The Ohio National Bank of Columbus, Columbus, Ohio), or, at the option of the holder, at the principal corporate trust office of the United States Trust Company of New York, in the Borough of Manhattan, City and State of New York except that interest on fully registered bonds is payable by check as provided in the Trust Agreement, and principal on fully Registered Bonds may also be payable at such additional place or places, at the option of the holder as shall be designated by the Fiscal Officer of the University.

The Series J Bonds shall have such other terms and conditions and shall be issued, executed and delivered as provided by the applicable provisions of the Trust Agreement, and of or pursuant to the Loan Agreement.

Section 3. Sale of Series J Bonds. The \$3,000,000 Series J Bonds shall be offered for sale, by solicitation or proposals from investment bankers and others or by advertisement or both, to the highest bidder based on the lowest net interest cost, in such manner and on such terms as determined by the President or the Fiscal Officer of the University, subject, however, to all applicable provisions of the Loan Agreement.

Section 4. Allocation of Proceeds of Series J Bonds. Upon the issuance and delivery of the Series J Bonds, the Fiscal Officer of the University shall forthwith establish a bank account in the name of the University designated "Series J Construction Fund", (hereinafter called the "Construction Fund"). The proceeds from the sale of said Bonds shall be forthwith deposited and applied by the University as follows:

Fifth Supplemental Trust Agreement

(1) The portion representing accrued interest to the Debt Service Fund provided for in the Original Trust Agreement to be held by the Trustee, and the portion representing premium above par paid to the University for such Bonds to the Debt Service Reserve Funds.

(2) To the University, the amounts necessary to reimburse the University for amounts expended by it on costs of construction of the Project prior to issuance of the Series J Bonds.

(3) The balance to the Construction Fund to be held by the Trustee to pay costs of construction of the Project and to pay all incidental expenses of the Project and the financing thereof, including repayment (with interest) of money borrowed or advanced for such purposes and restoring to the University of other funds of the University issued for such purposes in accordance with the Loan Agreement, except however, there shall be no repayment of the \$610,000 of the proceeds of the Series I Bonds allocated to the Construction Fund under the Series I Bond Resolution.

(4) Any balance remaining in the Construction Fund after payment or reimbursement of all Project costs and other amounts provided for in (3) above shall be promptly used to the extent possible for the retirement at par plus accrued interest in inverse order of maturity of Series J Bonds, if any, then held by the United States, and any portion not needed for such retirement shall be transferred to the Debt Service Reserve Fund; provided, however, the University shall have the right to withdraw any such moneys representing additional funds deposited into the Construction Fund by the University, other than from the proceeds of the sale of the Series J Bonds sold to the United States of America, to finance the total project cost, which are found to be unnecessary for such purpose.

No part of the proceeds of Series J Bonds sold to the United States acting through the Department of Housing and Urban Development shall be used to pay costs (including cost of movable equipment or fees of a financial advisor) which, under the Loan Agreement or under the rules, regulations or practices of the Department of Housing and Urban Development, may not be paid from proceeds of bonds purchased by the United States through that agency, and proceeds of Bonds purchased by the United States as aforesaid shall be segregated in the Construction Fund to the extent necessary to effect the foregoing and none of the funds in the Construction Fund shall be applied in any manner contrary to the Loan Agreement.

Fifth Supplemental Trust Agreement

The Trustee shall apply said Construction Fund to the payment of such items as from time to time are requested in writing by the Fiscal Officer of the University. Such written request shall include a certificate by such official that the amount to be paid from such Construction Fund constitutes authorized payments from said fund under the foregoing provisions of this Section 4. If the payment is to be made with respect to an obligation under a construction contract relating to the Project, such written request shall further certify that such payment was certified as due under such contract by a qualified architect or engineer.

The Construction Fund shall be invested by the Trustee in such direct obligations of the United States as shall be directed in writing by the President or the Fiscal Officer of the University, which writing shall designate maturities and amounts which, as nearly as practicable, would, through maturities, provide funds when needed to pay costs for which the respective funds have been established. Such investments and the proceeds of sale thereof shall constitute part of the fund from which the investment was made. Interest on such investments may be paid to the Dormitory Revenue Fund or applied to the purposes of the fund from which the said investments shall be sold, exchanged or collected from time to time as directed in writing by the President or the Fiscal Officer of the University and the Trustee shall be under no liability in connection with such investment, sale, exchange or collection thereof provided the directions of said officers are followed. No direction shall be made to invest the Construction Fund except as permitted by the Loan Agreement.

Section 5. Additional Bonds. (a) The Board shall have the right from time to time to issue Additional Bonds under the Trust Agreement if necessary to pay the costs of completing the Project or completing any projects for which Additional Bonds are issued. The Trustee shall authenticate and deliver such Bonds upon (but only upon) receipt of the documents required by Section 2.03 of the Trust Agreement.

Fifth Supplemental Trust Agreement

Nothing herein or in the Trust Agreement shall require any earnings coverage, or certificate with respect thereto, in connection with Additional Bonds issued for completion of a project.

(b) The Board shall also have the right from time to time to issue Additional Bonds under the Trust Agreement to provide funds for purposes authorized by Section 3345.07 of the Revised Code of Ohio, including construction and equipment by the University of buildings to be used as dormitories or as other living quarters or the refunding of outstanding bonds or notes issued under said Section 3345.07. The Trustee shall authenticate and deliver under the Trust Agreement Additional Bonds issued under this subdivision (b) if, (but only if), when such Additional Bonds are issued, the University shall have furnished to the Trustee in addition to the documents required by Section 2.03 of the Trust Agreement, a certificate of the President and the Fiscal Officer of the University, approved by the Board of Trustees, (1) showing that (a) the actual net income from the dormitory facilities of the University (excluding net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of such Additional Bonds) for the preceding fiscal year, as adjusted, if necessary, to reflect the schedule of rates and charges to become effective at the beginning of the next semester, quarter or other school period and to give recognition to any anticipated changes in operating costs; plus (b) the estimated annual net income of the dormitory facilities to be financed through the proceeds of the sale of such Additional Bonds will be equal to or greater than one and three tenths (1.3) times the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Bonds then outstanding hereunder and on the Bonds then to be authenticated and delivered; (2) showing that, until the dormitory facility being constructed from the proceeds of the Additional Bonds, is ready for occupancy, funds then available from net income, bond proceeds, gifts, legacies,

Fifth Supplemental Trust Agreement

devises or grants or other sources for payment when due of principal and interest on the Bonds will be at least one and three-tenths (1.3) times the principal and interest requirements for that period; (3) showing that there were not included in net income any receipts against which there is any prior claim other than the use thereof for the operating expenses included in computing the net income; (4) furnishing such other information in support of the foregoing as may reasonably be requested by the Trustee; (5) showing that the computations of estimates provided for above are based on an assumed occupancy of not more than 95% of capacity of the dormitory facilities in question.

The first call date on Additional Bonds shall not be earlier than the first call date on any issue of Bonds outstanding at the time of issue of such Additional Bonds.

Section 6. Terms of the Bonds Generally. As used in this Resolution, the term "Bonds" refers to the Series A, B, C, D, E, F, G, H, I and J Bonds and all Additional Bonds issued on a parity therewith under the Trust Agreement. The Bonds shall be designated The Ohio State University Dormitory Revenue Bonds, shall be payable in any coin or currency which, on the respective dates of payment, is legal tender for the payment of debts due the United States of America, shall have all the incidents of negotiable instruments under the laws of Ohio, shall express upon their face the purpose for which they are issued, and shall be issued pursuant to Section 3345.07 of the Revised Code of Ohio. Unless otherwise provided by the Board, the Bonds shall be signed by the Chairman of the Board or bear his facsimile signature, shall be signed by the President of the University or bear his facsimile signature, shall be attested by the Secretary of the Board or by the Vice President, Business and Finance of the University, and shall be sealed with the seal of the University or a facsimile thereof, and interest coupons attached to the Bonds shall bear the facsimile signature of the Secretary of the Board or of the Vice President,

Fifth Supplemental Trust Agreement

Business and Finance of the University. In case any officer whose signature or a facsimile of whose signature shall appear on any Bonds or coupons shall cease to be such officer before the delivery of such Bonds, such signature or such facsimile shall nevertheless be valid and sufficient for all purposes, the same as if he had remained in office until such delivery. Except in the case of redemption of Bonds of a particular series from the surplus proceeds of that issue as provided in Section 5 of the Original Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time. The additional Bonds shall bear such designations as may be necessary to distinguish them from other Bonds having different provisions and shall have maturities, interest rates, interest payment dates, redemption provisions, denominations, registration provisions, and other provisions as provided in the Resolution providing for issuance of the Additional Bonds, provided, however, that such terms and provisions shall not be inconsistent with this Resolution, the Trust Agreement and in the Bonds, the Bonds shall be equally and ratably payable from and secured by pledge of, the receipts from the operation of all dormitory facilities now or hereafter under control of the Board including the dining facilities constituting a part thereof, after provision for reasonable and proper expenses of operation and maintenance of such facilities; and anything in this Resolution, the Bonds or the Trust Agreement to the contrary notwithstanding, neither this Resolution, the Bonds, nor the Trust Agreement shall be a claim against or a lien upon any property of the State of Ohio or any property of or under the control of the Board except the portion of said receipts pledged as provided herein; provided, however, that nothing herein shall be deemed to prohibit the University, of its own volition, from using, or pledging, to the extent it is lawfully authorized to do so, any of its other resources or revenues for the fulfillment of any of the terms, conditions or obligations of the Trust Agreement, this Resolution, or any of the bonds.

Fifth Supplemental Trust Agreement

Section 7. Covenants of the University. The University covenants with the holders of the Bonds and with the Trustee under the Trust Agreement that (a) it will adopt and maintain so long as any of the Bonds are outstanding such parietal rules, and charge and collect such rental rates and charges, from time to time, as may be necessary to assure such occupancy and use of, and receipts from, the dormitory facilities as will pay the costs of maintenance and operation and provide for the payment of the principal of and interest on the Bonds and other payments to Special Funds required by Section 8 of this Resolution; (b) from funds lawfully available, it will cause the Project and any project to be constructed from the proceeds of Additional Bonds to be completed and equipped in an efficient and economical manner with reasonable dispatch and in a manner consistent with the plans and recommendations of responsible architects and all applicable laws, ordinances and regulations; (c) subject to the right of abandonment under conditions provided in the Trust Agreement designed to prevent adverse effect of such abandonment on the expected earnings coverage of Debt Service, it will, from the dormitory receipts pledged under this resolution and as part of the operating expenses, maintain, preserve and keep the dormitory facilities in good repair, working order and operating condition and continuously operate the same on a revenue producing basis, and will apply the receipts therefrom only as provided in Section 8 of this Resolution and in the Trust Agreement; (d) it will furnish to the Trustee and the Original Purchasers of the Bonds within 120 days after the close of each fiscal year an annual report of the accounts (including each Special Fund provided for in Section 8 of this Resolution) and operations of the dormitory facilities prepared by qualified accountants approved by the Trustee; (e) it will keep proper books of record and accounts separate from all other records and accounts, in which complete and correct entries will be made of all transactions relating to the dormitory facilities and will at all reasonable times permit the Trustee, the Original Purchasers or any holder or holders of 25%

Fifth Supplemental Trust Agreement

of the outstanding Bonds, or their authorized representatives, to inspect the dormitory facilities and any books, documents and vouchers relating thereto; (f) it will furnish heat, light, power, water and other necessary services to the dormitory facilities at not in excess of reasonable cost; (g) it will comply with all the terms and conditions of the respective Loan Agreements with the Department of Housing and Urban Development as long as the United States holds any of the Series B, D, F, G, H and J Bonds; (h) it will insure the dormitory facilities as required by the Trust Agreement and apply the proceeds of such insurance as provided therein; and (i) will observe and perform all its agreements and obligations provided for by the Bonds, the Trust Agreement or the Bond Resolution.

Section 8. Application of Receipts; Special Funds. There was established by the Original Bond Resolution a Special Fund designated "Dormitory Revenue Fund", which fund shall be maintained in a bank account, or invested as herein authorized, in the name of the University separate and distinct from all other funds of the University and subject to the withdrawals and uses herein authorized, is pledged to and charged with the payment of the principal, interest, and premium, if any, on all the Bonds issued under the Trust Agreement.

Under the Original Bond Resolution there shall be maintained in the Dormitory Revenue Fund, as an Operating Reserve, such amount as is from time to time certified by the Fiscal Officer of the University as adequate and necessary for working capital for operation and maintenance of the dormitory facilities; provided, that such Operating Reserve shall not exceed one-fourth of the operating and maintenance expenses of the dormitory facilities for the preceding 12 months.

All receipts from dormitory facilities now or hereafter under the control of the Board, including the dining halls constituting part thereof, shall be deposited in the Dormitory Revenue Fund.

The Dormitory Revenue Fund, including the Operating Reserve, shall be applied to pay when due all reasonable and proper expenses of operation and

Fifth Supplemental Trust Agreement

maintenance (as defined in Section 10) of the dormitory facilities, excluding extraordinary repair and replacement expenses payable from the Contingency Repair and Replacement Fund and expenses of or provision for depreciation or capital replacement.

The remainder of the Dormitory Revenue Fund, after retaining therein the then current Operating Reserve and payment of said operation and maintenance expenses then due, shall be applied as provided in the Original Bond Resolution, namely, as follows and in the following order of priority;

First: Into the Debt Service Fund, to be held by the Trustee as a separate fund and used for the payment of principal and interest on the Bonds, the amounts provided in the Original Bond Resolution and in the Bond Resolutions relating to the Series C, D, E, F, G, H and I Bonds for payment of principal and interest on the Series A, B, C, D, E, F, G, H and I Bonds and, in addition, (1) on or before April 1 and October 1 of each year an amount equal to the interest due and on the next ensuing interest payment date in that year on the Series J Bonds then outstanding; provided, that, the amount so payable on any such date into the Debt Service Fund shall be reduced by the amount then remaining in said Debt Service Fund from the accrued interest and from the funds deposited therein for capitalized interest pursuant to Section 4 of this Resolution; (2) on or before April 1 and October 1 of each year, the equal semi-annual amounts necessary to provide for payment of any principal maturity in that year on the Series J Bonds; (3) if Additional Bonds shall be issued under the Trust Agreement, such additional amounts and at such times as specified in the resolution authorizing such Additional Bonds, which amounts shall be not less than necessary to provide in the Debt Service Fund amounts, in addition to the amounts hereinbefore provided for the Series A, B, C, D, E, F, G, H, I and J Bonds, sufficient to pay in full interest and principal on all Additional Bonds then outstanding, as the same shall become due and payable provided that no payments

Fifth Supplemental Trust Agreement

need be made to the Debt Service Fund so long as the amounts in the Debt Service Fund and Debt Service Reserve Fund aggregate at least the total principal and interest payable on all Bonds then outstanding to the dates of their respective maturities.

Second: Into the Debt Service Reserve Fund, to be held by the Trustee as a separate fund for the payment of principal and interest on, and purchase or redemption of, the Bonds as herein provided, on or before April 1 and October 1 of each year and on such other dates as amounts are payable into the Debt Service Fund with respect to Additional Bonds, such amounts as are necessary to create and maintain in said Debt Service Reserve Fund the required reserve, namely, an amount equal to the maximum principal and interest requirements for any consecutive two-year period on all Bonds at the time outstanding;

Third: Into the Contingency Repair and Replacement Fund, to be held by the University as a fund separate and distinct from all other funds of the University, semi-annually on or before April 1 and October 1 of each year, or as soon thereafter as the required reserve has been established in the Debt Service Reserve Fund, an amount equal to one-quarter of one percent of the cost of construction on all dormitory facilities then under the control of the Board and 3 percent of the cost of movable equipment for all such dormitory facilities, which fund may be used by the University to the extent necessary for payment of principal and interest on the Bonds or for extraordinary repairs and replacements to the dormitory facilities or for construction or equipping of additional dormitory facilities;

Fourth: On April 1 and October 1 of each year, to the foregoing funds, such amounts as may be necessary to make up previous deficiency in any deposits required by the foregoing paragraphs of this section;

Fifth: So long as there is no deficiency in any of the deposits provided for in Paragraphs First through Fourth above and so long as the amounts in the Debt Service Reserve Fund are at least equal to the then required reserve, any

Fifth Supplemental Trust Agreement

amounts in the Dormitory Revenue Fund, after reserving therein the then current Operating Reserve, may be used for any purpose of the University for which such funds may lawfully be used.

The Debt Service Fund is irrevocably pledged to and shall be used by the Trustee for the payment of principal and interest on the Bonds and, until required for such purposes, shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing addressed to the Trustee, which writing shall determine that the maturity of the respective obligations is not later than the date on which such funds will be required for payment of such principal and interest. The Trustee shall transfer from the Debt Service Fund to the Paying Agents amounts sufficient to enable said Paying Agents to pay when due principal and interest on the Bonds, or the Trustee shall make such credit arrangements with said Paying Agents as to permit such payments.

The Debt Service Reserve Fund is irrevocably pledged to, and shall be used by the Trustee for, the payment of principal and interest on the Bonds if other available funds are insufficient for that purpose, and, to the extent herein provided, for purchase or redemption of Bonds. Until required for such purposes it shall be invested by the Trustee in such direct obligations of the United States as the President and the Fiscal Officer of the University shall direct in writing, which obligations shall mature not more than five years from the date of investment. The Trustee shall transfer from the Debt Service Reserve Fund to the Debt Service Fund such amounts as are necessary in addition to amounts available in the Debt Service Fund, including funds transferred from the Contingency Repair and Replacement Fund, to enable said Paying Agents to pay when due the principal and interest on the Bonds.

Fifth Supplemental Trust Agreement

Any amounts in the Debt Service Reserve Fund in excess of the required reserve provided for in Paragraph Second above shall be used to purchase Bonds for retirement or to redeem Bonds then subject to redemption to the extent and in the manner from time to time requested in writing by the President and the Fiscal Officer of the University. In calculating at any time whether additional amounts are required to be paid into the Debt Service Reserve Fund under Paragraph Second above and in calculating the excess over the required reserve, no value shall be given to any investments of the fund other than direct obligations of the United States maturing within five years from the date of such calculation, but, in all other respects, such investments shall be valued at their face amount or market value, whichever is lower.

The Contingency Repair and Replacement Fund is irrevocably pledged to, and shall be used by the University for, extraordinary repairs and replacements to the dormitory facilities or to construct or equip additional dormitory facilities or for the retirement of all then outstanding Bonds by purchase or redemption or for payment of the principal and interest by transfer to the Debt Service Fund as herein provided. The University shall transfer from the Contingency Repair and Replacement Fund to the Debt Service Fund such amounts as are from time to time necessary, in addition to the other amounts available in the Debt Service Fund and without use of the Debt Service Reserve Fund, to provide for the payment, when due, of the principal and interest on the Bonds and shall not use any of this fund for repairs or replacement or additional facilities if there is any deficiency in any of the deposits required to be made under subparagraphs First or Second of this Section. Until required for such purposes, the Contingency Repair and Replacement Fund may be invested by the President and the Fiscal Officer of the University in direct obligations of the United States maturing not more than five years from the date of investment.

Fifth Supplemental Trust Agreement

Investments made pursuant to this Section 8 of any amounts in any Special Fund herein created and the interest thereon and the proceeds thereof shall constitute part of that Special Fund and be added to that particular fund. Such investments shall be sold, exchanged or collected from time to time as directed by the President and the Fiscal Officer of the University, and the Trustee shall be under no liability and have no responsibility in connection with such investment, or the sale, exchange or collection thereof, provided the directions of said officers are followed.

Section 9. Trust Agreement. In order to secure the payment of the principal and interest on the Bonds, the President of the University and the Chairman of the Board of Trustees, and each of them, are authorized to execute, acknowledge and deliver as may be appropriate the Fifth Supplemental Trust Agreement in substantially the form attached hereto, and the Secretary of the Board of Trustees is authorized to seal and attest the same, with such changes not unfavorable to the University as the Officers acting shall deem advisable and as shall be approved by the Original Purchasers of the Series J Bonds. The terms and provisions of the Trust Agreement are hereby confirmed and adopted and the terms of said Trust Agreement purporting to be applicable to the Series A and Series B Bonds or to the Project to be constructed from the proceeds of the Series A and Series B Bonds shall be deemed equally applicable to the Series J Bonds and the Project covered by this Resolution to the extent that the same are not inconsistent with the terms or provisions of this Resolution and the context so permits.

Section 10. Definitions. Where the context permits, the following terms as used in this Resolution or in the Trust Agreement shall have the following meanings:

(1) "the Fiscal Officer" shall mean the Vice President, Business and Finance, of the University or any official or employee performing the duties of such officer for the time being. The Comptroller, or the Assistant Vice President-Assistant Treasurer, or any official or employee performing the duties of such officers for the time being

Fifth Supplemental Trust Agreement

shall also be "a Fiscal Officer" when the context so permits. (2) "Additional Bonds" shall mean Bonds issued pursuant to the Trust Agreement in addition to and on a parity with the Series A, B, C, D, E, F, G, H, I and J Bonds and "Bonds" shall mean both the Series A, B, C, D, E, F, G, H, I and J Bonds and Additional Bonds; (3) "Agreement" or "Trust Agreement" shall refer to the Trust Agreement dated as of April 15, 1957 as from time to time supplemented pursuant to its terms; (4) "Dormitory Facilities" shall mean buildings, groups of buildings or parts of or additions to buildings, including the sites therefor, now or hereafter constructed, acquired by or under the control of the Board and authorized to be constructed, equipped, maintained and operated by Section 3345.07 of the Revised Code of Ohio, including the dormitories, additions to dormitories, dining facilities, and married student housing facilities or projects and all separate or connected buildings, sites, equipment, structures and utilities to be used in connection with the maintenance or operation of, or in any way supplementing or related to the services or facilities to be provided by such buildings located on or in close proximity to the campus; (5) "Net Income" shall mean all receipts of the operation of dormitory facilities after deducting therefrom the reasonable and proper operating and maintenance expenses thereof; (6) "Reasonable and Proper Operating and Maintenance Expenses" shall mean ordinary and usual reasonable expenditures necessary to the operation, repair and maintenance of the dormitory facilities including, without limiting the generality of the foregoing, taxes, fees and expenses of the Trustee and paying agents and any expenses required to be paid by the Bond Resolution or the Trust Agreement, but excluding provision or expenditure for depreciation or capital replacement or expenditures for administration or regulation of the occupants of the dormitory facilities which expenditures do not constitute costs of the type included as costs of operation of the dormitory facilities under the present accounting practice of the University or expenditures for extraordinary repairs or

Fifth Supplemental Trust Agreement

replacements or payments to the Debt Service Fund, Debt Service Reserve Fund or Contingency Repair and Replacement Fund; (7) "Trustee" refers to the Trustee under the Trust Agreement, presently The Ohio National Bank of Columbus; (8) any reference to an officer of the University or of the Board in this Resolution shall refer to the person holding such office or, in the event of resignation, absence, incapacity or vacancy in such office, then the person performing the duties of such office; any reference to Section 3345.07 of the Revised Code of Ohio shall, where the context permits, mean said section as it now exists and as it is from time to time amended, supplemented or affected by later legislation.

Section 11. General. The appropriate officers of the University and the Board, the architects and engineers employed by the University, and the Trustee designated in the Trust Agreement are authorized and directed to do all things necessary or proper to carry out the terms and provisions of this Resolution, the Trust Agreement and the sale referred to in Section 3 above and to effect the execution, sale and delivery of said Series J Bonds in accordance therewith if approved by the President and Fiscal Officer of the University. It may be required as part of the terms of sale of the Series J Bonds that prior to or at the time of delivery of the Series J Bonds there shall have been executed and delivered contracts for construction of the principal portions of the Project and provisions shall have been made for obtaining sufficient amounts to pay all costs of the Project as estimated by the Project architect. The obligations imposed upon the University under this Resolution or the Trust Agreement are established as duties specifically enjoined upon the University, the Board and the officials of the University by law and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

WHEREAS, the text of the Series J Bonds and the coupons, if any, to be attached thereto and the authentication certificate of the Trustee to be endorsed thereon are to be substantially as follows:

Fifth Supplemental Trust Agreement

(Form of Coupon Bond)

The form of Coupon Bond shall be identical with the form of Coupon Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate and corresponding coupon form in said Coupon Bond the following paragraphs and coupon form:

* * * * *

This Bond is a Series J Bond and is one of a duly authorized issue of \$3,000,000 Dormitory Revenue Bonds of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the Resolutions of the Board of Trustees of April 8, 1957 and July 13, 1967 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after October 15, 1978, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1978 to 1983, inclusive; three percent (3%) if redeemed 1984 to 1988, inclusive; two percent (2%) if redeemed 1989 to 1993, inclusive; one and one-half percent (1-1/2%) if redeemed 1994 to 1998, inclusive; and one percent (1%) if redeemed after 1998. If less than all the Bonds (or parts of Registered Bonds) of one maturity and of one series are to be called, the Coupon Bonds or portions of fully Registered Bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

* * * * *

The Series A, B, C, D, E, F, G, H, I, and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the

Fifth Supplemental Trust Agreement

receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

* * * * *

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any, and with the effect provided in the Agreement.

* * * * *

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this Bond to be signed by the facsimile signatures of the Chairman of the Board of Trustees and of the President of the University and to be attested by the Vice President, Business and Finance, of the University and to bear a facsimile of the seal of the University and the interest coupons attached hereto to bear the facsimile signature of the Secretary of the Board of Trustees, all as of _____.

* * * * *

(Form of Trustee's Authentication Certificate)

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of _____, 19__.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

* * * * *

(Form of Coupon Bond)

On the _____ day of _____, 19__, unless the bond to which this coupon is attached has been called for previous

Fifth Supplemental Trust Agreement

redemption, The Ohio State University and its Board of Trustees, as such Trustees and not individually, will pay to bearer, but only from the sources and in the manner provided in the Trust Agreement dated April 15, 1957, and supplement thereto dated _____, 19____, between the said University and said Board and The Ohio National Bank of Columbus, as Trustee, and not from the general or ordinary funds of the State of Ohio or said Board or University, on the surrender of this coupon at the principal office of The Ohio National Bank of Columbus, Columbus, Ohio, or, at the option of the holder, at the principal corporate trust office of The United States Trust Company of New York, in the Borough of Manhattan, City and State of New York

Dollars (\$) _____
in lawful money of the United States of America, being interest then due on The Ohio State University Dormitory Revenue Bond, Series _____ dated _____.

Bond No. _____

Coupon No. _____

(Facsimile Signature)

Secretary of
the Board of Trustees

(Form of Fully Registered Bond of Single Maturity)

The form of Registered Bonds without coupons of single maturity shall be identical with the form of Registered Bond set forth in the Trust Agreement dated as of April 15, 1957 except that there shall be substituted in such form in lieu of the corresponding paragraphs and Trustee's Certificate in said Registered Bond the following paragraphs:

* * * * *

This Bond is a Series J Bond and is one of a duly authorized issue of \$3,000,000 of Dormitory Revenue Bonds of the University, issued and to be issued from time to time, pursuant to Section 3345.07 of the Revised Code of Ohio and the resolutions of the Board of Trustees of April 8, 1957 and July 13, 1967 (herein collectively called the "Bond Resolution") for the purpose of paying the costs of constructing and equipping certain dormitory facilities and secured by Trust Agreement dated as of April 15, 1957 and First, Second, Third, Fourth and Fifth Supplemental Trust Agreements between the University and the above-named Trustee (herein collectively called the "Agreement").

Fifth Supplemental Trust Agreement

The University hereby reserves the right to call and redeem the Bonds of this series prior to maturity as a whole, or in part, in inverse order of maturity, on any interest payment date on or after October 15, 1978, upon terms of par and accrued interest to the redemption date plus redemption premiums as follows: four percent (4%) if redeemed 1978 to 1983, inclusive; three percent (3%) if redeemed 1984 to 1988, inclusive; two percent (2%) if redeemed 1989 to 1993, inclusive; one and one-half percent (1-1/2%) if redeemed 1994 to 1998, inclusive; and one percent (1%) premium if redeemed after 1998. If less than all the Bonds (or parts of registered Bonds) of one maturity and of one series are to be called, the coupon bonds or portions of fully registered bonds of such series and of that maturity to be called shall be chosen by lot by said Trustee. Except in the case of redemption of a particular series of bonds from surplus proceeds of that issue as provided in the Bond Resolution, no Bonds of any series may be called unless the same proportion of the outstanding Bonds of each other series, then callable, are called at the same time.

* * * * *

The Series A, B, C, D, E, F, G, H, I, and J Bonds, together with such Additional Bonds as may be issued on a parity therewith under said Agreement, are, and are to be, secured only, but equally and ratably without priority one over another by reason of number or of date of Bond, sale, execution or delivery, by the Agreement, creating a prior pledge of the receipts of all dormitory facilities now or hereafter under the control of the Board of Trustees as defined in the Agreement after provision only for reasonable operating and maintenance expenses thereof.

* * * * *

The Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as registered bonds without coupons in denominations of \$5,000 and any multiple thereof. Registered Bonds without coupons may be exchanged for coupon Bonds or for other registered Bonds without coupons, and coupon Bonds may be exchanged for registered Bonds without coupons, all on the terms and under the conditions and upon payment of the charges, if any, and with the effect provided in the Agreement.

* * * * *

Fifth Supplemental Trust Agreement

(Form of Trustee's Authentication Certificate)

TRUSTEE'S CERTIFICATE

This Bond is one of the Bonds described in the within mentioned Trust Agreement as supplemented by Fifth Supplemental Trust Agreement dated as of _____, 19__.

The Ohio National Bank of Columbus,
Trustee

By _____
Authorized Officer

NOW, THEREFORE, THIS SUPPLEMENTAL TRUST AGREEMENT,

WITNESSETH that in order to secure the payment of the principal of and interest on the Bonds according to their true intent and meaning, and to secure the performance and observance of all covenants and conditions therein and herein, in the Bond Resolution and in the Trust Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable considerations the receipt of which is hereby acknowledged, the University has executed and delivered this Fifth Supplemental Agreement.

IN TRUST, NEVERTHELESS, upon the terms and trusts in the Trust Agreement and in this Supplement set forth for the equal and proportionate benefit and security of all present and future holders of the Bonds and appurtenant coupons issued or to be issued under and secured by the said agreements, without preference, priority or distinction, as to lien or otherwise, of any one bond or coupon over any other by reason of priority in the time of the issue or negotiation thereof or otherwise, except as may be otherwise expressly provided in said Trust Agreement.

AND IT IS HEREBY COVENANTED AND DECLARED by the University with the Trustee and its successors in the trust under the Trust Agreement for

Fifth Supplemental Trust Agreement

the benefit of those who shall hold such Bonds and appurtenant coupons at any time issued and outstanding under the Trust Agreement as follows:

Section 1. Incorporation of Bond Resolution. The Series J Bond Resolution is hereby made a part of this Supplement and of the Trust Agreement.

Section 2. Form, Execution and Delivery of Series J Bonds. The Series J Bonds shall be executed, authenticated and delivered as provided herein, and said Series J Bonds, the coupons to be attached thereto, and the certificate of authentication of the Trustee to be endorsed thereon shall be substantially in the form provided in the preambles hereto with any necessary modifications to conform hereto.

Section 3. Proceeds of Sale. The proceeds from the sale of the Series J Bonds shall be applied as provided in the Bond Resolution.

Section 4. Concerning the Trustee. The Trustee hereby accepts the trusts hereby declared and provided and agrees to perform the same upon the terms and conditions in the Trust Agreement and in this or any other Supplement set forth.

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplement or the due execution thereof by the University, nor for or in respect of the recitals herein contained, all of which recitals are made by the University solely. In general, each and every term and condition contained in the Original Trust Agreement shall apply to this Supplement, with such omissions, variations and modifications thereof as may be appropriate to make the same conform to this Supplement.

IN WITNESS WHEREOF, the Board of Trustees has caused this Fifth Supplemental Trust Agreement to be executed and its seal to be hereto affixed and The Ohio National Bank of Columbus, Columbus, Ohio, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this Fifth Supplemental

Fifth Supplemental Trust Agreement

Trust Agreement to be executed and has caused its seal to be hereto affixed all as of the day and year first above written.

(SEAL)

The Ohio State University
and
The Board of and Trustees of
The Ohio State University

Attest:

By _____
President

Secretary

And By _____
Chairman of the Board

(SEAL)

The Ohio National Bank of Columbus,
Trustee

Attest:

By _____
Vice President

Trust Officer

Fifth Supplemental Trust Agreement

STATE OF OHIO)
) SS:
COUNTY OF FRANKLIN)

On this _____ day of _____, 19____, before me a Notary Public in and for said County and State personally appeared _____ and _____, the President and the Chairman of the Board, respectively, of The Ohio State University, and acknowledged the execution of the foregoing instrument, and that the same is their voluntary act and deed on behalf of said University and its Board of Trustees and the voluntary act and deed of said University and Board of Trustees.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

(SEAL)

Notary Public
My Commission Expires: _____

STATE OF OHIO)
) SS:
COUNTY OF FRANKLIN)

On this _____ day of _____, 19____, before me a Notary Public in and for said County and State personally appeared _____ and _____, the Vice President and Trust Officer, respectively, of The Ohio National Bank of Columbus, the bank which executed the foregoing instrument as Trustee, who acknowledged that the seal affixed to said instrument is the seal of said bank, that they did sign said instrument as such officers, respectively, for and on behalf of said bank and by authority granted in its rules and regulations and by its Board of Directors; that the same is their free act and deed as such officers, respectively, and the free act and deed of said The Ohio National Bank of Columbus.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

(SEAL)

Notary Public
My Commission Expires: _____

SUPPLEMENT F

THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

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THE OHIO STATE UNIVERSITY

Certificate of Earnings Coverage Under Section
6(b) of the Original Bond Resolution Adopted
April 8, 1957, for Issuance of \$3,000,000
Dormitory Revenue Bonds, Series J

The undersigned respectively, the President and the Fiscal Officer of The Ohio State University (the latter being also the Vice President, Business and Finance of the University) pursuant to Section 6(b) of the Original Bond Resolution adopted April 8, 1957, certify as follows in connection with the issuance of \$3,000,000 Dormitory Revenue Bonds, Series J:

1. That the actual net income from existing dormitory facilities (other than those referred to in 2 below) for the fiscal year ended June 30, 1967, adjusted pursuant to said Section 6(b), is: (Note 1) \$1,757,732
2. That the estimated annual net income from dormitory facilities to be financed through issuance of the Series I and J Bonds consisting of Drackett, Taylor and Jones Towers, Archer, Houck and Nosker Houses, and Raney Commons Dining Facility is: (Note 2) \$1,038,530
- Total of Items 1 and 2 above is: \$2,796,262
3. That the maximum amount to become due in any succeeding fiscal year for the payment of principal and interest charges on the Series A, B, C, D, E, F, G, H, I and J Bonds is: (Note 3) \$1,999,762
4. That the ratio of total of such net income to such maximum annual principal and interest requirements on Series A, B, C, D, E, F, G, H, I and J Bonds is: 1.3983
5. That there was not included in such net incomes net income from any dormitory facility which is to be abandoned or which is not suitable for continuous use as a dormitory facility for the term of the Series J Bonds, nor any receipts against which there is any prior claim other than the use thereof for the operating expenses of the dormitory facilities.

Note 1 The term dormitory facilities as herein used shall mean dormitory facilities as that term is defined in the Trust Agreement with The Ohio National Bank of Columbus, dated as of April 15, 1967, as supplemented by First through Fourth Supplemental Trust Agreements. The actual net income for the year ended June 30, 1967, is adjusted to reflect the schedule of rates and charges approved by the Board of Trustees on June 8, 1967 and to become effective at the beginning of the Autumn Quarter of the academic year 1967-68; and to give recognition to anticipated changes in operating costs


Certificate of Earnings Coverage (continued)

of the dormitory facilities, resulting from the review and recomputation of the basis of allocating costs of heat, light, power and water to all auxiliary facilities, including dormitory facilities, by direction of the Board of Trustees pursuant to which the revised reasonable changes therefor to the dormitory facilities will be reduced by an estimated \$200,000.

Note 2 Estimated net income is computed in accordance with the Trust Agreement on the basis of 95% occupancy and estimated expenses are consistent with those experienced in similar existing facilities. It is hereby certified that the facility, Drackett Tower, under Item 2 was placed in operation in March, 1965, Houck House was placed in operation in January, 1966, Archer and Nosker Houses and Taylor Tower were placed in operation in September, 1966, and that Raney Commons Dining Facility was placed in operation in January, 1967. It is certified that Jones Tower will be in operation and revenue producing by January, 1969.

Note 3 Series J Bonds are computed at 3%. Series A through H are computed on basis of actual interest rates for those bonds and the Series I Bonds are computed at 4-3/4%.


President
The Ohio State University


Vice President, Business
and Finance
The Ohio State University

Dated: July 12, 1967

APPENDIX I

Degrees Conferred at

THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

September 1, 1967

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The Recipients of the Distinguished Service Awards

KENYON S. CAMPBELL

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

*Outstanding development officer and dedicated servant
of The Ohio State University*

Kenyon S. Campbell has been associated with The Ohio State University for more than five decades. As a student, alumni leader, and Development Fund executive, he has worked in behalf of Ohio State with rare devotion and skill and has left upon the University the imprint of truly distinguished service.

During his undergraduate days, Mr. Campbell was a leader in extra-curricular activities and was elected to membership in the junior and senior men's honorary societies. He received the B.A. degree in 1920 and the LL.B. in 1922.

Mr. Campbell was appointed field director of The Ohio State University Development Fund in 1947 and became associate executive director in 1956, the position he held until he retired in 1966. Before joining the Ohio State staff, he had practiced law in Columbus for 25 years and had been one of the University's most active alumni. He was a member of the "Committee of 100" which originally set up the framework for the Development Fund.

Much of the success of the University's Development Fund is attributable to Mr. Campbell's work. He was the originator of the highly successful Presidents Club which has grown to a membership of more than 250 since its inception in 1963. His unusual ability as a collegiate fund-raiser is reflected in the leadership roles, including national president, which he has filled in the American Alumni Council and in the awards which that organization has bestowed upon The Ohio State University Development Fund.

THOMAS E. DAVIS

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Pioneer research administrator and dedicated University citizen

Thomas E. Davis, a 1939 graduate of the College of Commerce and Administration, served the University for 28 years. Mr. Davis played increasingly important roles in The Ohio State University Research Foundation, from his initial appointment as an assistant project supervisor to his retirement in 1967 from the position of associate executive director.

As a key administrator in the Research Foundation, Mr. Davis insisted that the activities directed by the Foundation be in harmony with the mission of the University. His major effort was to insure that research activities were an integral part of the University educational program, and he vigorously resisted all pressures which might have caused separation between the Foundation and the University. Largely through his vigilance, sponsored research at Ohio State has been administered as a part of the University rather than as a separate activity.

Mr. Davis was also active in the development of federal and industrial policies and procedures in support of sponsored research activities in universities. His counsel was widely sought by colleagues from other universities as well as by representatives of government and of industry.

A skillful administrator who displayed great loyalty to his colleagues and earned their loyalty in return, Thomas E. Davis rendered distinguished service to his alma mater, to the State of Ohio, and to the research efforts of the Nation.

JEAN WAID REILLY

THE OHIO STATE UNIVERSITY DISTINGUISHED SERVICE AWARD

Devoted friend of the University and leader of alumnae endeavors

Jean Waid Reilly is one of those rare persons who sensed, as an undergraduate, the full promise of her alma mater and who has given, as an adult, creative leadership toward the advancement of the University. She has made lasting contributions to The Ohio State University.

Mrs. Reilly earned the Bachelor's Degree in 1940 and the Master's Degree in personnel psychology in 1942. As an undergraduate, she was a member of the Student Affairs Council and the Student Senate, and she served as president of the Women's Self-Government Association. These activities and other campus affiliations won membership for her in Chimes, the junior women's honorary society, of which she was president, and in Mortar Board, the honorary society for senior women.

Graduation did not diminish her continuing interest in University affairs. She has served as president of the Alumnae Council and of the Franklin County Alumnae Club. In 1949, she was elected Second Vice President of The Ohio State University Association.

Mrs. Reilly's special interest has been directed toward the development of ways by which Ohio State alumnae might maintain meaningful relationships with the University, and in this work her success has been truly noteworthy. In 1964, she directed a survey of 5,000 central Ohio women which led to the formation of the increasingly active University program of continuing education for women. Currently she is chairman of the Alumnae Council Committee on Continuing Education for Women.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Mohammad Taha Abulela.....Mallawi, Egypt
B.Com. (Cairo University) ; M.B.A.
Dissertation: The Optimum Unit of Span of Control
Field of Specialization: Business Organization
- Peter Wightman Anderton.....Elland, Yorkshire, England
B.S. (University of Birmingham, England)
Dissertation: Structural Glaciology of a Glacier Confluence, Kaskawulsh Glacier, Yukon Territory, Canada
Field of Specialization: Geology
- Carl William Asp, Jr.....Avon
B.Sc. in Edu., M.A.
Dissertation: Time-Intensity Trade and Lateralized Location of Inter-aural Intensity Differences by Stutterers and Non-Stutterers
Field of Specialization: Speech
- Beverly Ann Ball.....Griggsville, Ill.
B.S. in Edu. (Western Illinois University) ; M.S. (MacMurray College)
Dissertation: The Primary School Child's Self-Concept: The Influence of the Child-Centered Program of Physical Education
Field of Specialization: Physical Education
- Phillip Lee Bandt.....Nekoosa, Wis.
B.S. (University of Wisconsin) ; M.A.
Dissertation: Generalized Control Expectancies and Perceptual Responses to Threat
Field of Specialization: Psychology
- Richard Leland Barker.....Northwood, N. H.
B.S. (Ag.Econ.) (University of Maine) ; M.Agr.Ed. (University of New Hampshire)
Dissertation: An Appraisal of Instructional Units to Enhance Student Understanding of Profit-Maximizing Principles
Field of Specialization: Agricultural Education
- Willis Edward Bartlett.....Fremont
B.Sc. in Edu., M.A.
Dissertation: Psychological Needs and Vocational Maturity of Manpower Trainees
Field of Specialization: Education
- Maynard Neal Bauer.....Worthington
A.B. (Oberlin College) ; M.A.
Dissertation: Perceptions of the Principal's Role Performance in Student Teaching Programs
Field of Specialization: Education
- David Napoleon Beauregard.....Akron
B.S. (Loyola University, Illinois) ; M.A.
Dissertation: A Critical Edition of George Whetstone's *An Heptameron of Ciuill Discourses* (1582)
Field of Specialization: English

- Werner Gerhard Bergen.....Mineral City
 B.Sc. in Agr., M.Sc.
Dissertation: Studies on the Effect of Dietary and Physiological Factors on the Nutritive Quality and Utilization of Rumen Microbial Proteins
Field of Specialization: Animal Science
- John David Birle.....Columbus
 B.Ch.E., M.Sc.
Dissertation: An Investigation of the High Pressure, Sub-Solidus Phase Equilibrium Relations in the System $\text{Al}_2\text{O}_3\text{-GeO}_2$ as a Model for the Ultra High Pressure Behavior of Kyanite
Field of Specialization: Mineralogy
- William Peter Bishop.....North Olmsted
 B.A. (College of Wooster)
Dissertation: The Radiolysis of Liquid n-Pentane: Products and Mechanism
Field of Specialization: Chemistry
- Byron Justin Bossenbroek.....Pella, Ia.
 B.S. (Calvin College, Michigan)
Dissertation: Interactions and Reactions of Parallel Acetylenes
Field of Specialization: Chemistry
- Marvin Ervin Braun.....Beaver Falls, Pa.
 B.S. (Geneva College, Pennsylvania); M.S. (University of Pittsburgh)
Dissertation: Optimum Debt Financing Policy: A Linear Programming Approach
Field of Specialization: Business Organization
- Frank Markham Brown.....Dayton
 B.S. (United States Naval Academy); M.S. (E.E.) (United States Air Force Institute of Technology)
Dissertation: Boolean Matrices and Finite Systems
Field of Specialization: Electrical Engineering
- Phillip James Bryson.....Salt Lake City, Utah
 B.A. (University of Utah)
Dissertation: The International Cost-Sharing Role of West German Development Assistance
Field of Specialization: Economics
- William Buford Campbell, Jr.....Belmont, Mass.
 B. of Cer. Engr., M.S. in Cer. Engr. (Georgia Institute of Technology); A.M. (Harvard University)
Dissertation: Thermal Analysis of Ceramic Reaction Models
Field of Specialization: Ceramic Engineering
- Cecil E. Carter, Jr.....Princeton, Ky.
 B.S. in Agr., M.S. in Agr. (University of Kentucky)
Dissertation: The Relation of Leader Behavior Dimensions and Group Characteristics to County Extension Advisory Committee Performance
Field of Specialization: Agricultural Education
- Keith Ross Carver.....Russellville, Ky.
 B.S. in E.E. (University of Kentucky); M.Sc.
Dissertation: A Cavity-Fed Concentric Ring Phased Array of Helices for Use in Radio Astronomy
Field of Specialization: Electrical Engineering

- Patrick Joseph Caulfield**.....Dayton
 B.S. (Massachusetts Institute of Technology)
Dissertation: Multi-Valued Functions in Uniform Spaces
Field of Specialization: Mathematics
- Harendra Singh Chauhan**.....Gonda, U. P., India
 B.Tech., M.Tech. (Indian Institute of Technology)
Dissertation: Transient Solutions for Drainage of Sloping Land
Field of Specialization: Agricultural Engineering
- Louis Fred Chenette**.....Findlay
 A.B. (Wheaton College); M.M. (Northwestern University)
Dissertation: Music Theory in the British Isles during the Enlightenment
Field of Specialization: Music
- Sung Tai Cho**.....Seoul, Korea
 A.B. (University of California, Berkeley); M.S. (Michigan State University)
Dissertation: A Cross-Cultural Analysis of the Criminality Level Index
Field of Specialization: Sociology
- Donald Lee Clark**.....Janesville, Wis.
 B.S., M.S. (Stout State University)
Dissertation: Activity and Learning: An Experimental Comparison to Determine the Efficacy of Overt Versus Covert Activity on the Learning of an Industrial Praxiological Concept
Field of Specialization: Education
- Sandra Ethlyn Clark**.....Richmond Heights
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: Retrieval of Color Information from the Preperceptual Storage System
Field of Specialization: Psychology
- John Paul Cobes**.....Strasburg
 B.Sc. in Edu., M.A.
Dissertation: The Court Theatres of the Farnese from 1618 to 1690
Field of Specialization: Speech
- Fred Marlin Connelly, Jr.**.....Nashville, Tenn.
 B.A. (David Lipscomb College); M.A. (Temple University)
Dissertation: A Rhetorical Analysis of Selected Speeches of Lyndon Baines Johnson on the War in Vietnam
Field of Specialization: Speech
- Andrew Stuart Deal**.....Riverside, Calif.
 B.S., M.S. (University of California, Berkeley)
Dissertation: The Effect of Temperature and Moisture on the Development of *Fannia canicularis* (L.) and *Fannia femoralis* (Stein), (Diptera: Muscidae)
Field of Specialization: Zoology and Entomology
- Marilyn Revell DeLong**.....Columbus
 B.S. (South Dakota State College); M.A. (Michigan State University)
Dissertation: Analysis of Costume Organization: Development of a Model for Considering Style
Field of Specialization: Home Economics

- Harold Douglas Dickerson, Jr.....West Roxbury, Mass.
 B.A., M.A. (University of Massachusetts)
Dissertation: A Survey of Critical Commentary on Gottfried's *Tristan*
Field of Specialization: German
- Jeffrey Ivan Dolgan.....Livingston, N. J.
 A.B. (Hiram College); M.A.
Dissertation: The Efficacy of Systematic Desensitization Procedures and Rational Therapy in the Modification of Phobic Behavior
Field of Specialization: Psychology
- Thomas David DuBois.....Macy, Ind.
 B.A. (McMurry College, Texas); M.Sc.
Dissertation: Low-Spin Transition Metal Complexes of a Bidentate Phosphorus-Arsenic Ligand and an Open-Chain Tetradentate Phosphorus-Sulfur Ligand
Field of Specialization: Chemistry
- Arthur Lynn Dudycha.....Springfield
 A.B. (Wittenberg University); M.A.
Dissertation: A Monte Carlo Evaluation of JAN and PROF: Two Techniques for Capturing and Clustering Rater Policies
Field of Specialization: Psychology
- Linda Weathers Dudycha.....Springfield
 B.A. (Columbia College, South Carolina); M.A.
Dissertation: An Investigation of Interpersonal Learning as Delineated by the Structure of Brunswik's Lens Model
Field of Specialization: Psychology
- Ronald Gene Eikenberry.....Dayton
 A.B. (Harvard University); M.Ed. (Miami University)
Dissertation: Federal Legislation and the Administration of Public Schools in Ohio
Field of Specialization: Education
- Harold James Enzian.....Patterson, N. Y.
 B.S. (State University College, Oswego, New York); M.A. (Kent State University)
Dissertation: Industrial Arts as Encouragement for Disadvantaged Youth
Field of Specialization: Education
- Charles Clifford Fain.....Clemson, S. C.
 B.Cer.Engr., M.S. (Clemson Agricultural College)
Dissertation: Influence of Localized Matrix Recrystallization on the Strength of Triaxial Ceramics
Field of Specialization: Ceramic Engineering
- Robert Thomas Ferris.....Orlando, Fla.
 D.D.S. (Emory University); M.Sc.
Dissertation: Immunological Properties of Human Gingival Tissues
Field of Specialization: Microbiology
- Joseph Archibald Fromme.....Columbus
 B.S.A.E. (Purdue University); M.Sc.
Dissertation: Vibration of the Rectangular Parallelepiped with Traction Free Boundary
Field of Specialization: Engineering Mechanics

- Helen Barnum Frye.....Fairborn
 B.A. (Ohio Wesleyan University) ; M.Ed. (Wittenberg University)
Dissertation: A Study of the Teaching Situation Reaction Test in Relation to Effectiveness of In-Service Teachers
Field of Specialization: Education
- Hassan Abd El-Latif Gaafar.....Cairo, Egypt
 M.B.B.Ch. (Cairo University)
Dissertation: Immunogenicity of Antigen-Antibody Complex
Field of Specialization: Microbiology
- Abdul Gaffar.....Karachi, Pakistan
 B.S., M.S. (University of Karachi) ; M.S. (Brigham Young University)
Dissertation: Immuno-Chemical Properties of Nucleoprotein Antigens from Normal and Malignant Human Tissues
Field of Specialization: Microbiology
- David Wayne Ganyard.....Columbus
 B.A. (College of Wooster) ; M.A.
Dissertation: The Degree of Relationship between Bituminous Coal Mining and Chemical Manufacturing in the Kanawha County Region
Field of Specialization: Geography
- William Harry Goff.....Columbus
 B.A., M.A.
Dissertation: Vocational Guidance in Elementary Schools
Field of Specialization: Education
- Robert Miles Goll.....Dayton
 B.Sc.
Dissertation: Classification and Phylogeny of Cenozoic *Trissocyclidae* (*Radiolaria*) in the Pacific and Caribbean Basins
Field of Specialization: Geology
- Edwin Noah Gorsuch.....Wauseon
 B.S. in Edu., M.A. (Bowling Green State University)
Dissertation: The Economic Problems of English Monasteries in the Early Fourteenth Century
Field of Specialization: History
- Charles Dudley Greenidge.....Columbus
 B.A.; M.B.A. (Stanford University)
Dissertation: The Effect of Improved Information on Profitability in Smaller Retailing Firms
Field of Specialization: Business Organization
- William Frank Haagen.....Columbus
 B.E.E., M.Sc.
Dissertation: Signal Enhancement by Coherent Optical Spatial Differentiation
Field of Specialization: Electrical Engineering
- Oberita Plumley Hager.....Hamlin, W. Va.
 B.A., M.A. (Marshall University)
Dissertation: Survey and Evaluation of Business Education Programs in Selected Small High Schools in West Virginia
Field of Specialization: Education

- Leonard Anthony Hamilton**.....Fairborn
 M.S. in M.E. (Purdue University)
Dissertation: An Experimental Investigation of Shock Initiated Detonation Waves in a Flowing Combustible Mixture
Field of Specialization: Aeronautical and Astronautical Engineering
- Hunter Douglas Hamlett**.....Ettrick, Va.
 B.S. (Virginia Union University); M.S. (Virginia State College)
Dissertation: An Evaluation of Biological Science Courses Offered for General Education in Selected Predominantly Negro Colleges
Field of Specialization: Education
- William John Hankley**.....Arlington Heights, Ill.
 B.S. in E.E., M.S. (Northwestern University)
Dissertation: Automatic Fingerprint Interpretation and Classification via Contextual Analysis and Topological Coding
Field of Specialization: Electrical Engineering
- James Patrick Harrington**.....Salem
 S.B. (University of Chicago); M.Sc.
Dissertation: Model Planetary Nebulae: Electron Temperatures and Ionization Stratification
Field of Specialization: Astronomy
- James Abgriffith Hawley**.....Wooster
 B.F.A. (Drake University); M.S. (Purdue University)
Dissertation: Inigo Jones and the New English Stagecraft
Field of Specialization: Speech
- Ruth Estella Hawthorne**.....Lansdale, Pa.
 B.S. in H.E. (Drexel Institute of Technology); M.A. (Michigan State University)
Dissertation: Aspects of Design Preference in Clothing: Aesthetic, Motivation, and Knowledge
Field of Specialization: Home Economics
- Frances Patricia Healy**.....Lakewood
 A.B. (Western Reserve University); M.A.
Dissertation: A History of Evelyn College for Women, Princeton, New Jersey, 1887-1897
Field of Specialization: Education
- Gerald Clarence Heberle**.....Dayton
 A.B. (University of Dayton); M.A. (University of Cincinnati)
Dissertation: The Predicament of the British Unionist Party, 1906-1914
Field of Specialization: History
- Richard William Henley**.....Willoughby
 B.Sc. in Agr., M.Sc.
Dissertation: Concentration Gradients and Total Amounts of Fourteen Different Elements and the Effects of Graduated Supplies of Calcium and Magnesium on Quality Attributes and Other Elements in the Leaves of *Chrysanthemum morifolium* L. cv. 'Indianapolis Yellow'
Field of Specialization: Horticulture and Forestry
- Mary Alice Hines**.....Indianapolis, Ind.
 B.S.Edu., M.S.Edu. (Indiana University)
Dissertation: Retailing Opportunities in Federal Urban Renewal Projects
Field of Specialization: Business Organization

- Gordon A. Jacoby.....New York, N. Y.
 A.B. (City College, New York); M.A.
Dissertation: The Construction and Testing of a Self-Instructional,
 Audiolingual Program of the Irish-English Dialect for the Stage
Field of Specialization: Speech
- Sidney Jordan.....Levittown, Pa.
 A.B. (Temple University); M.S. (Syracuse University); A.M. (Temple
 University)
Dissertation: Speech Audiometry Based on the Selected Band-Pass
 Filtering of Words
Field of Specialization: Speech
- William Andrew Kinnison.....Springfield
 B.A., B.S. in Edu. (Wittenberg University); M.A. (University of Wis-
 consin)
Dissertation: The Impact of the Morrill Act on Higher Education in
 Ohio
Field of Specialization: Education
- Lawrence Andrew Klimko.....Campbell
 B.Sc., M.Sc.
Dissertation: Limit Theorems for Non-Negative Matrices
Field of Specialization: Mathematics
- Joseph James Kohut.....Lorain
 B.Sc.
Dissertation: Quantitative Analysis, Taxonomy, and Distribution of
 Middle and Upper Ordovician Conodonts from the Cincinnati Region
 of Ohio, Kentucky, and Indiana
Field of Specialization: Geology
- Robert Leonard Kurucz.....Euclid
 B.S. in Ed., M.S. in Ed. (Bowling Green State University)
Dissertation: The Construction of the Ohio State University Cardio-
 vascular Fitness Test
Field of Specialization: Physical Education
- Douglas Eugene Laine.....Flint, Mich.
 B.S. (Bemidji State Teachers College, Minnesota); M.S. (University
 of Wisconsin)
Dissertation: An Investigation of the Equilibria in Aqueous Copper
 (II)-Monoethanolamine Systems
Field of Specialization: Chemistry
- James Albert Lane.....Massillon
 B.Sc. in Edu.; M.Edu. (University of Toledo)
Dissertation: Assessment of Physically Handicapped Adult Students
 in College
Field of Specialization: Education

- Harold Lewis Lawson**.....Pittsburg, Kans.
B.S. in Edu., M.S. (Kansas State Teachers College, Emporia)
Dissertation: The Speaking of William H. Seward, 1845-1861
Field of Specialization: Speech
- Roger Mac Layton**.....Idaho Falls, Idaho
B.S. (Idaho State College)
Dissertation: Mechanism Studies on Some Thermal and Photochemical Reactions
Field of Specialization: Chemistry
- Arie Leegwater**.....Grand Rapids, Mich.
A.B. (Calvin College)
Dissertation: Steric Effects in Organic Chemistry: Part I. Some Chemistry of Di-t-butylketene; Part II. Alkaline Hydrolysis of Substituted Methyl Benzoates
Field of Specialization: Chemistry
- Sam Leles**.....Mentor
A.B., B.S.Edu., M.A. (Kent State University)
Dissertation: Evolving a Theory of Effectiveness in Education
Field of Specialization: Education
- Ronald Gene Lora**.....Columbus Grove
B.S. (Bluffton College)
Dissertation: Conservatism in American Thought, 1930-1955
Field of Specialization: History
- James Frederick Loucks II**.....Cleveland
B.A. (Yale University); M.A.
Dissertation: "Scripture for His Purpose:" A Study of Robert Browning's Use of Biblical Allusions in *The Ring and The Book*
Field of Specialization: English
- Alan Stuart Lowenthal**.....Massapequa, N. Y.
B.A. (Hobart College); M.A.
Dissertation: Stimulus Variability, Preference, and Perceptual Change
Field of Specialization: Psychology
- Stephen Rodney Lucas**.....Zanesville
B.Sc. in Bus.Adm., B.Sc. in Edu., M.A.
Dissertation: Guidelines for Establishing Post-Secondary Distributive Education Programs in Ohio
Field of Specialization: Education
- Audrey Anne Mostoller Lunday**.....Minot, N. D.
B.S. (Saint Cloud State College, Minnesota); M.A.
Dissertation: The Vocal Quality and Pitch of Voices Suspected of Laryngeal Pathology
Field of Specialization: Speech
- William Earle Mahaney**.....Melrose, Mass.
B.A. (Dartmouth College); M.A. (University of Connecticut)
Dissertation: The John Webster Plays: An Analytical Study and a Preliminary Bibliography
Field of Specialization: English

- Zeyad Mansour.....Hama, Syria
M.Sc.
Dissertation: Complexing Behavior of Starches with Certain Drug Pharmaceuticals
Field of Specialization: Pharmacy
- Dave Marquis.....Oswego, N. Y.
B.Edu. (State University College, Plattsburg, New York); M.A. (Syracuse University); B.A. (Utica College of Syracuse University)
Dissertation: Trends in Science Education: A Study of Educational Problems in Several African Nations
Field of Specialization: Education
- Mavis Howe Mate.....Columbus
B.A., M.A. (University of Oxford, England)
Dissertation: The Monetary Policies of Edward I, 1272-1307
Field of Specialization: History
- Charles Randall May.....Madill, Okla.
B.S. (West Texas State College); M.A. (Eastern New Mexico University)
Dissertation: An Appraisal of the Elementary Teacher Education Program at The Ohio State University
Field of Specialization: Education
- Lewis Duane McPeck, Jr.....Marion
B.S. in Edu. (Ohio Northern University); M.Ed. (Miami University)
Dissertation: The Ohio Elementary School Principals' Perceived Role in Negotiations: A Comparison of Attitudinal Dimensions
Field of Specialization: Education
- Naomi Marie Meara.....Columbus
B.A., B.Sc. in Edu.; M.A. (Syracuse University)
Dissertation: A Factor Analytic Study of the Relationship between Attitudinal Variables and Academic Learning
Field of Specialization: Psychology
- Ratan Chand Mehta.....Jaipur City, Rajasthan, India
B.Sc. (University of Allahabad); M.Sc. (University of Rajasthan)
Dissertation: Leader Behavior and Its Relation to Innovativeness of County Extension Agent Chairmen
Field of Specialization: Agricultural Education
- David Dering Meisel.....Fairmont, W. Va.
B.S. (West Virginia University); M.Sc.
Dissertation: A Study of Multiple Star Systems Involving Components of Special Astrophysical Interest
Field of Specialization: Astronomy
- Edgar Lorin Metcalf.....Columbus
B.S., M.S. (University of Connecticut)
Dissertation: The Effect of Photoperiod on the Growth of Weigela 'Vanicek' in Relation to Carbohydrate Content and Freezing Injury Resistance
Field of Specialization: Horticulture and Forestry

- Siegfried Mikuteit**.....Columbus
 B.Sc. in Phys., M.Sc.
Dissertation: Mutual Coupling in a Three-Element, Parallel-Plate Waveguide Array by Wedge Diffraction and Surface Integration Techniques
Field of Specialization: Electrical Engineering
- Catherine McIntyre Miller**.....Cicero, Ill.
 B.S. in Ed. (Illinois State Normal University); A.M. (Colorado State College)
Dissertation: Health Counseling Practices of Selected Health Instructors at the Secondary Level in Ohio
Field of Specialization: Physical Education, Health Education
- Velon Haywood Minshew, Jr.**.....Carthage, Miss.
 B.S. (University of Southern Mississippi); M.S. (University of Nebraska)
Dissertation: Geology of the Scott Glacier and Wisconsin Range Areas, Central Transantarctic Mountains, Antarctica
Field of Specialization: Geology
- Yehia Saif El-Nasr Mohamed**.....Cairo, Egypt
 B.V.M. (Cairo University); M.Sc.
Dissertation: Studies on *Mycoplasma meleagridis* in Turkeys, and the Establishment of a Specific Pathogen-Free Turkey Flock
Field of Specialization: Veterinary Preventive Medicine
- John Emery Moore**.....Galloway
 B.Sc. in Agr., M.Sc.
Dissertation: Optimizing Resource Allocation for Tenant Operated Pork Producing Farms
Field of Specialization: Agricultural Economics and Rural Sociology
- Donald Melvin Morehead**.....Downs, Kans.
 A.B. (Fort Hays Kansas State College); M.A.
Dissertation: Speech Recognition and Production in Young Children and Adults
Field of Specialization: Speech
- Joseph Eugene Mullin**.....Londonderry, N. H.
 B.A. (Boston College); M.A.
Dissertation: The Occasion, Form, Structure, and Design of John Dryden's *MacFlecknoe*: A Varronian Satire
Field of Specialization: English
- C. Kenneth Murray**.....Wheeling, W. Va.
 B.S. in Sec.Edu. (Rio Grande College); M.A. (Marshall University)
Dissertation: A Study of the Construct Validity of the Teaching Situation Reaction Test
Field of Specialization: Education
- Richard Joseph Nadolsky**.....Lilly, Pa.
 B.S. (Saint Francis College, Pennsylvania)
Dissertation: Studies of Cumyl Cations and Trityl Anions by Nuclear Magnetic Resonance Spectroscopy
Field of Specialization: Chemistry

- Thomas Richard Nealeigh**.....Dayton
 B.Sc. in Edu., M.A.
Dissertation: Development and Validation of a Non-Verbal Attitude and Achievement Index for Mathematics
Field of Specialization: Education
- Matthew Mansfield Neely II**.....Columbus
 B.A., M.A., B.Sc. in Edu.
Dissertation: The Problems of the Development, Use, and Retirement of Weapons: A Study in Civil-Military Relations Suitable for Use in Secondary Social Studies Education
Field of Specialization: Education
- Wesley Eugene Nelson**.....Kingston, Jamaica, West Indies
 B.S. (Tuskegee Institute, Alabama); M.S. (Rutgers University)
Dissertation: Comparisons of Reactions of Zinc Ions with Soil Organic Matter to Reactions of Zinc Ions with Known Organic Compounds
Field of Specialization: Agronomy
- Don Barker Neumann**.....Dayton
 B.S. in M.E. (Stanford University); M.Sc.
Dissertation: The Effect of Scene Motion on Holography
Field of Specialization: Electrical Engineering
- Mildred Elizabeth Newcomb**.....Worthington
 B.A. (Ohio Wesleyan University); A.M. (Indiana University)
Dissertation: Imagistic Patterns in Charles Dickens
Field of Specialization: English
- Audrey Evelyn Newton**.....Wyoming, Ill.
 B.S. (Bradley University); M.S. (University of Wisconsin)
Dissertation: Consumer Behavior: Relation of Cognitive and Affective Domains of the Textile Consumer
Field of Specialization: Home Economics
- Bernard Carl Nye**.....Columbus
 B.Sc. in Edu.; M.S. in Bus.Adm. (Bowling Green State University)
Dissertation: Major Issues in Distributive Teacher Education
Field of Specialization: Education
- James Wesley Ouzts**.....Cleveland, Miss.
 B.S. (Delta State College); M.A. (University of Mississippi)
Dissertation: Magnitude of Temporary Threshold Shift in Audition Following Exposure to High-Intensity Farm Machinery Noise
Field of Specialization: Speech
- Henry Wisner Parlett**.....Columbus
 A.B. (Gettysburg College); M.Sc.
Dissertation: Solvent Extraction of Some Lanthanides with 2,2,6,6-Tetramethyl 3,5-Heptanedione
Field of Specialization: Chemistry
- Richard Newton Payne**.....Stillwater, Okla.
 B.S. (Oklahoma State University); M.Sc.
Dissertation: The Influence of 40° F. and 70° F. Storage Temperatures on Respiration and Forcing of Bulbs of *Lilium longiflorum* Thunberg, Cultivars 'Ace' and 'Georgia'
Field of Specialization: Horticulture and Forestry

- Edwin Ray Pejack**.....North Tonawanda, N. Y.
 B.M.E., M.S. (Rensselaer Polytechnic Institute)
Dissertation: Heat Transfer and Other Effects of an Electric Field
 on a Parallel Flow Hydrocarbon Diffusion Flame
Field of Specialization: Mechanical Engineering
- David Michael Pendergast**.....Granville
 B.Sc. in Edu., M.A.
Dissertation: A Study of Changes in Role Perceptions Held by Beginning Social Studies Teachers
Field of Specialization: Education
- Glenn Samuel Pfau**.....Salem, Ore.
 B.S. (University of Oregon); M.S. Ed. (Oregon College of Education)
Dissertation: The Influence of Modality of Presentation, Response Confirmation Modes, and Types of Immediate Reinforcement upon Programmed Learning by Hearing Impaired Children
Field of Specialization: Speech
- Anthony John Picard**.....Bridgeport, Pa.
 B.S. in Edu. (West Chester State Teachers College, Pennsylvania);
 M.A. (Villanova University)
Dissertation: An Analysis of the Objectives of a First Year Calculus Sequence, a Test for the Achievement of these Objectives, and an Analysis of Results
Field of Specialization: Education
- William Dallas Pierce**.....Columbus
 B.S. (University of Pittsburgh); M.A.
Dissertation: Anxiety About the Act of Communicating and Perceived Empathy
Field of Specialization: Psychology
- Elliott Ray Plese**.....Ft. Collins, Colo.
 B.S., M.E. (Colorado State University)
Dissertation: A Comparison of Videotape Replay with a Traditional Approach in the Teaching of Selected Gymnastic Skills
Field of Specialization: Physical Education
- Joseph Thornton Plummer, Jr.**.....Lewistown, Pa.
 B.A. (Westminster College); M.A.
Dissertation: A Systematic Research Approach to Television Program Development
Field of Specialization: Speech
- Isaac Blaine Quarnstrom**.....Provo, Utah
 B.S., M.A. (Brigham Young University)
Dissertation: Harmount's *Uncle Tom's Cabin* Company: A Study of a Twentieth-Century "Tom" Show
Field of Specialization: Speech
- Bernard Queen**.....Huntington, W. Va.
 B.A., M.A. (Marshall University)
Dissertation: Relationship of Teacher Collective Activity to Attitudes of Classroom Teachers, School Administrators, and School Board Members
Field of Specialization: Education

- Larry D Reavis.....Independence, Mo.
 B.A., A.M. (University of Missouri)
Dissertation: Delay of Gratification: An Exchange Theory Explanation
Field of Specialization: Psychology
- Helmut Herbert Riemer.....Columbus
 B.S. (University of Rochester); B.D. (Colgate Rochester Divinity School); M.A.
Dissertation: Relationship of Cognitive Style and Reinforcement Learning in Counseling
Field of Specialization: Psychology
- Thomas David Roberts.....Columbus
 B.S. (Abilene Christian College)
Dissertation: Approaches to 9, 10-Phenanthrocylopropenyl Systems
Field of Specialization: Chemistry
- Paul Luther Schiff, Jr.....Columbus
 B.Sc. in Phar., M.Sc.
Dissertation: The Isolation and Characterization of the Alkaloids of *Thalictrum minus* L. var. *adiantifolium* Hort.
Field of Specialization: Pharmacy
- Allan Neely Schramm.....Marietta
 B.A., M.A.
Dissertation: The Semantic Differential in Oral Interpretation Research
Field of Specialization: Speech
- Emerita Schroer Schulte.....Celina
 B.S. in Edu. (Bowling Green State University); M.Ed. (Miami University)
Dissertation: The Independent Reading Interests of Children in Grades Four, Five, and Six
Field of Specialization: Education
- Patricia Millard Schwirian.....Columbus
 B.S. in Ed. (Illinois State Normal University); M.S. (State University of Iowa)
Dissertation: Construction and Validation of a Science Support Scale
Field of Specialization: Education
- Frank John Sciara.....Modesto, Calif.
 A.B. (Fresno State College); M.A. (San Francisco State College)
Dissertation: Guidelines for a Pre-Service Teacher Education Program for Elementary Teachers of the Disadvantaged
Field of Specialization: Education
- Harish Chandra Sharma.....Alwar, Rajasthan, India
 B.Sc. (University of Rajasthan); M.Sc. (Indian Agricultural Research Institute)
Dissertation: Effects of N-Dimethyl Amino Succinamic Acid (B-Nine) on Some Vegetative, Qualitative, Morphological, and Anatomical Characteristics of Strains of Delicious Apple
Field of Specialization: Horticulture and Forestry

- Simon Christian Simonson III.....Fergus Falls, Minn.
 S.B. (Massachusetts Institute of Technology) ; M.Sc.
Dissertation: A Spectroscopic and Photometric Investigation of the
 Stellar Association Cepheus OB2
Field of Specialization: Astronomy
- David Lee Smetzer.....Bellevue
 B.Sc. in Agr., D.V.M., M.Sc.
Dissertation: Equine Sinoatrial and Second- Degree Atrioventricular
 Heart-Block
Field of Specialization: Veterinary Pathology
- Elton Mansfield Smith, Jr.....North Haven, Conn.
 B.S. (University of Connecticut) ; M.Sc.
Dissertation: A Study of the Carbohydrate and Moisture Contents of
Rhamnus frangula 'Tallhedge' during Storage
Field of Specialization: Horticulture and Forestry
- Jackson Joseph Spielvogel.....Ellwood City, Pa.
 B.A. (Pennsylvania State University) ; M.A.
Dissertation: Willibald Pirckheimer and the Nuernberg City Council
Field of Specialization: History
- Thomas Russell Stitt.....Carbondale, Ill.
 B.S., M.S. (Oklahoma State University)
Dissertation: The Understandings and Abilities Needed for Selected
 Job Titles of Farm Equipment Dealerships in Ohio
Field of Specialization: Agricultural Education
- Rudolph Howard Storch.....New York, N. Y.
 A.B. (Capital University) ; M.A.
Dissertation: Tropaea on the Coinage of Ancient Rome
Field of Specialization: History
- Robert Vernon Stroud.....Dayton
 B.A., M.S. in Edu. (Bowling Green State University)
Dissertation: The Comprehension of Rate Controlled Speech by Sec-
 ond-Grade Children with Functional Misarticulations
Field of Specialization: Speech
- Elizabeth Zapf Sturrock.....Doraville, Ga.
 B.S. in Edu., M.A. (Kent State University)
Dissertation: E. T. A. Hoffman: Inimical Force and Related Powers
Field of Specialization: German
- Charles Lowell Thompson.....West Mansfield
 B.S. in Ed., M.S. (University of Tennessee)
Dissertation: Counselors' Conceptions of Ideal and Non-Preferred Client
 Types
Field of Specialization: Education
- Sykes Emil Trieb.....Manhattan, Kans.
 B.S. in Agric., M.S. (Kansas State University)
Dissertation: An Analysis of Supermarket Managerial Leadership and
 Its Relationship to Measurements of Operational Effectiveness
Field of Specialization: Agricultural Economics and Rural Sociology

- Louis Creighton Tulga.....Wellington
 A.B., A.M. (Wheaton College)
Dissertation: Imperial Regulation of Morals and Conduct in the Early Principate
Field of Specialization: History
- Allen William Valcov.....Columbus
 B.A., M.A.
Dissertation: The Articulation of Noncomplementarity in Parental Interaction and Cognitive Functioning in Schizophrenic and Nonschizophrenic Patients
Field of Specialization: Psychology
- Sandor Laszlo Vador.....Columbus
 B.A. (Augustana College); M.S. (South Dakota State College of Agriculture and Mechanic Arts)
Dissertation: The Metabolism of Ethanolamine and Glycolaldehyde
Field of Specialization: Physiological Chemistry
- Baldev Krishan Vig.....Amritsar, India
 B.Sc., M.Sc. (Punjab University)
Dissertation: Experimental Alterations of Leaf Spot Frequencies in *Glycine max* (L.) Merrill, with Reference to the Mechanism of Spot Formation
Field of Specialization: Botany
- Charles Arnold Watkins.....Columbus
 B.A., M.A.
Dissertation: Chaucer's *Nun's Priest's Tale*: Satire and Solas
Field of Specialization: English
- Wyatt Monroe Webb.....Lakemore
 B.S.Ed. (University of Akron); M.Ed. (University of Cincinnati)
Dissertation: Three Interval Training Programs and Their Effect on Selected Physiological Variables
Field of Specialization: Physical Education
- David Michael Weis.....Austin, Minn.
 B.A. (Loras College); M.Ed. (Ohio University)
Dissertation: A Q-Study of the Role of the Elementary School Counselor as Perceived by Elementary School Counselors, Principals, and Teachers in Ohio
Field of Specialization: Education
- Hoyt Alan Wheeland.....Chillicothe
 B.S., M.F. (University of Michigan)
Dissertation: The Profitability of Managing Upland Hardwood Stands for Sawlogs in Southeastern Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Robert Anthony John White.....Devon, England
 B.Sc. (University of Reading, England); M.Sc.
Dissertation: Observations on the Composition of Greenhouse Tomato Fruit with Special Reference to the Effects of Water and Carbohydrate Supply during Development
Field of Specialization: Horticulture and Forestry

- Lyman Sessions Willardson**.....Ephraim, Utah
 B.S., M.S. (Utah State University)
Dissertation: Water Entry into Partially Full Subsurface Drains
Field of Specialization: Agricultural Engineering
- Gary Dean Willhardt**.....Washington, Ill.
 B.A. (Monmouth College); A.M. (Ohio University)
Dissertation: John Byrom: An Eighteenth-Century Apologist for
 Mysticism
Field of Specialization: English
- Wendell Marion Williams, Jr.**.....Canton
 B. of M.E. (Georgia Institute of Technology); M.Sc.
Dissertation: On Burmester Theory in Three Dimensions and Applica-
 tion to Finite Displacements with Four Degrees of Freedom
Field of Specialization: Mechanical Engineering
- Cyrus Clarke Wilson**.....Cleveland Heights
 B.S. (United States Military Academy); M.B.A.
Dissertation: Explaining Management Performance under Conditions
 of Improved Information in Smaller Retail Firms
Field of Specialization: Business Organization
- James Frank Wilson**.....Pitcairn, Pa.
 B.S. in Mech. Engr. (Massachusetts Institute of Technology); B.A.
 (College of Wooster); M.S. (University of Rochester); M.S. in Mech.
 Engr. (Carnegie Institute of Technology)
Dissertation: Swirling Laminar Flow between Parallel Plates and
 Concentric Cylinders
Field of Specialization: Engineering Mechanics
- John Rutherford Wolcott**.....Highland Park, Ill.
 B.F.A., M.F.A. (Carnegie Institute of Technology)
Dissertation: English Influences on American Staging Practice: A Case
 Study of the Chestnut Street Theatre, Philadelphia, 1794-1820
Field of Specialization: Speech
- Louis Wynne**.....Pittsfield, Mass.
 B.S. in Edu., M.Ed. (State Teachers College, North Adams, Massa-
 chusetts)
Dissertation: Response Strength Summation in a Free Operant as a
 Function of Discriminative Stimulus and Incentive
Field of Specialization: Psychology
- Shirley Spackman Wynne**.....Columbus
 B.A. (Mills Collge, California); M.A.
Dissertation: The Charms of Complaisance: The Dance in England in
 the Early Eighteenth Century
Field of Specialization: Physical Education
- Hsi-Han Yeh**.....Taiwan, China
 B.Sc. (National Taiwan University); M.Sc. (National Chiao-Tung
 University); M.Sc. (E.E.) (University of New Brunswick)
Dissertation: An Extension of Pontryagin's Maximum Principle
Field of Specialization: Electrical Engineering

Eva Sweet Zauderer.....Toledo
 B.Sc. in Edu., M.A.
Dissertation: The Relationship of Some Counselor Characteristics to
Revealingness in Clients
Field of Specialization: Psychology
 (One hundred and fifty-two candidates)

Certificate of Specialist in Educational Administration

Waive Burdelle Ripple.....West Lafayette
 A.B. (Ohio University); M.Edu.
 (One candidate)

Master of Accounting

Stanley William Carlson.....Cincinnati
 B.B.A. (University of Cincinnati)
Field of Specialization: Accounting

John Anthony Fazio.....Hazleton, Pa.
 B.S. (Pennsylvania State University)
Field of Specialization: Accounting

Lawrence Charles Henry.....Canton
 B.S. in B.A. (John Carroll University)
Field of Specialization: Accounting

James William Rizzi.....Philadelphia, Pa.
 B.S. (Temple University)
Field of Specialization: Accounting

Arthur Ernest Surowiec.....Lambertville, Mich.
 B.B.A. (University of Toledo)
Field of Specialization: Accounting

David Allen Winters.....Marion
 B.Sc. in Bus. Adm.
Field of Specialization: Accounting
 (Six candidates)

Master of Arts

Jean Snead Adams.....Springfield
 B.S. in Edu. (University of Dayton)
Field of Specialization: Education

Sileen Dharamdas Advani.....Poona, India
 B.A., M.A. (University of Poona)
Field of Specialization: Psychology

Margaret Myers Agin.....Newark
 B.S. in Edu. (Muskingum College)
Field of Specialization: Music

Winnifred Denson Albert.....Cleveland
 B.S. (Alabama Agricultural and Mechanical College)
Field of Specialization: Education

Carolyn Ide Aleksic.....Evansville, Ind.
 B.A. (University of Arizona)
Field of Specialization: Education

- Joann Blocher Alexander**.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Izzettin Aliciguzel**.....Konya, Turkey
 B.S. in Edu. (State University College of Buffalo, New York)
Field of Specialization: Education
- Rolf Allerdissen**.....Nordenham, Germany
 B.A. (Kiel University)
Field of Specialization: German
- Deborah Jean Anderson**.....Minneapolis, Minn.
 B.A. (University of Minnesota)
Field of Specialization: Psychology
- Sarah Rowland Aplin**.....Columbus
 B.A. (Ohio Wesleyan University)
Field of Specialization: Psychology
- Alice Shoup Armstrong**.....Newark
 B.S.M. (Baldwin-Wallace College)
Field of Specialization: Music
- Joyce Foose Avers**.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
- James Norman Baker**.....Alliance
 B.Sc. in Edu.
Field of Specialization: Education
- Donald Ross Ball**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jerry Paul Ballman**.....Loveland
 A.B. (University of Cincinnati)
Field of Specialization: Economics
- Sister M. Germaine Balmes**.....Joliet, Ill.
 A.B. (College of Saint Francis, Illinois)
Field of Specialization: Education
- Anna Dunaway Barker**.....Westerville
 B.S. (Morehead State College, Kentucky)
Field of Specialization: Education
- Ethelbert Courtland Barksdale**.....Arlington, Tex.
 B.A. (Arlington State College, Texas)
Field of Specialization: Slavic Languages
- Norma Saxe Barnebey**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Anna Lea Barry**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Michael James Bathory**.....Euclid
 A.B. (Oberlin College)
Field of Specialization: Education
- James Louis Bauer**.....Columbus
 B.S. (Capital University)
Field of Specialization: Education

- Donald Eugene Beal.....Canal Winchester
B.S. in Ed. (Ohio Northern University)
Field of Specialization: Education
- Mary Catharine Beall.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- John Emil Becker.....Brunswick
B.Sc. in Edu.
Field of Specialization: Physical Education
- Marvin Alan Beisner.....Union City
B.S. (Georgetown College, Kentucky)
Field of Specialization: Education
- Helmut Birtler.....Columbus
B.Sc. in Edu.
Field of Specialization: German
- Donald Richard Bitner.....Mifflinburg, Pa.
B.S.Ed. (Lock Haven State College, Pennsylvania)
Field of Specialization: Education
- Leila Ann Bitting.....Louisville, Ky.
A.B. in Ed. (University of Kentucky)
Field of Specialization: Education
- Patricia Jean Bjerstedt.....Gahanna
B.Sc. in Edu.
Field of Specialization: Education
- Edwin Herbert Blackford.....Perrysville
B.S. (Bowling Green State University); B.Sc. in Edu.
Field of Specialization: Education
- William Parker Blair III.....Canton
B.A.
Field of Specialization: Political Science
- Sally Ann Blalock.....Urbana
B.Sc. in Edu.
Field of Specialization: Education
- Robert Carter Boggs.....Circleville
B.S. in Edu. (Ohio University)
Field of Specialization: Education
- Eric Dale Braden.....Mayfield Village
A.B. (Western Reserve University)
Field of Specialization: Psychology
- Dennis Matthew Brogan.....Brooklyn, N. Y.
B.A. (Fordam College)
Field of Specialization: Political Science
- Ann Claudia Brothers.....Cleveland
B.S. (Ed.) (West Virginia State College, Institute)
Field of Specialization: Education
- Bessiejean Brown.....Bainbridge
B.A. (Wilmington College)
Field of Specialization: Education
- Jack Wayne Browning.....Arcola, Ill.
B.S. in Ed. (Eastern Illinois University)
Field of Specialization: Education

- Jo Ann Louise Brucato**.....Mansfield
B.S. Music Ed. (College of Saint Mary of the Springs)
Field of Specialization: Education
- Mary Schroder Brundage**.....Columbus
B.S. in Edu. (Bowling Green State University)
Field of Specialization: Music
- William Robert Bunner**.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- David Lee Burke**.....Culver, Ind.
B. Phys. Edu. (Purdue University)
Field of Specialization: Education
- Loretta Susie Burns**.....Fairfax, Ala.
B.S. (Ed.) (Tuskegee Institute)
Field of Specialization: English
- Patricia Traynor Carver**.....Beach City
B.Sc. in Edu.
Field of Specialization: Journalism
- Frederick Marland Chancellor, Jr.**.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Nancy Lou Chapman**.....Cincinnati
B.S. (University of Cincinnati)
Field of Specialization: Physical Education
- Ann Marie Chiandussi**.....Youngstown
B.S. in Ed. (Youngstown University)
Field of Specialization: Speech
- Ettore Chiudioni**.....Mansfield
B.S.Ed. (Ohio University)
Field of Specialization: Music
- Joseph M. Cirrincione**.....Brooklyn, N. Y.
B.S. (State University College of Education, Oswego, New York)
Field of Specialization: Education
- Marjorie Calentine Clark**.....Hilliard
B.Sc. in Edu.
Field of Specialization: Education
- John Joseph Clifford**.....Worthington
B.S. in Ed. (Northwestern University)
Field of Specialization: Education
- George Edwin Close**.....Columbus
B.Sc. in Edu.
Field of Specialization: Physical Education
- Jacqueline Sue Cohen**.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Tena Michelle Cole**.....Evanston, Ill.
B.Sc. in Edu.
Field of Specialization: Speech
- Beverly Ann Cook**.....Houston, Tex.
B.S. (Sam Houston State Teachers College, Texas)
Field of Specialization: Physical Education

- Walter Charles Corbett.....Ravenna
B.Sc. in Edu.
Field of Specialization: Education
- Franklin Thomas Cory.....Columbus
B.Sc. in Edu.
Field of Specialization: Music
- Robert Morris Cox.....Lithopolis
B.Sc. in Edu.
Field of Specialization: Education
- Clifford Bean Craig.....Cedar City, Utah
B.S. (Utah State University)
Field of Specialization: Education
- Deborah Bohman Crawford.....Columbus
A.B. (Miami University)
Field of Specialization: Romance Languages
- Thomas Harold Cree, Jr.....Columbus
B.A.
Field of Specialization: Sociology
- Emily L. Cronau.....South Plainfield, N. J.
A.B. (Indiana University)
Field of Specialization: Romance Languages
- William Leon Crump, Jr.....Fresno, Calif.
A.B. (Fresno State College)
Field of Specialization: Education
- Larry Eugene Cunningham.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- James Roy Dalrymple.....Marietta
A.B. (Marietta College)
Field of Specialization: Education
- Antoinette Nawalanic Daniels.....Cleveland
B.Sc. in Bus. Adm.
Field of Specialization: Sociology
- Lois Anne Darling.....Columbus
B.Sc. in H.E.
Field of Specialization: Education
- Thomas Lee Davidson.....Barnesville
B.A. (West Virginia Wesleyan College)
Field of Specialization: Education
- Karla Jean Davis.....Mission Hills, Calif.
B.Sc. in Edu.
Field of Specialization: English
- Charles William Dayton.....Avon Lake
B.A. (Baldwin-Wallace College) ; M.E. (Kent State University)
Field of Specialization: Education
- Donald Arthur DeBaltzo.....Mansfield
B.S.C. (Ohio University)
Field of Specialization: Education
- Lila Egan Dennis.....Columbus
B.Sc. in Edu.
Field of Specialization: Education

- Dorothy Estella Dickinson.....Ashville
 B.Sc. in Edu., B.A.
Field of Specialization: Education
- D. J. Dober.....Rockport, Ill
 B.S.Ed. (Western Illinois University)
Field of Specialization: Education
- Michael John Donovan.....Columbus
 A.B. (College of Saint Charles Borromeo)
Field of Specialization: Psychology
- Eugene Edmond Dorr.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Helen Mantz Doyle.....Ashland
 B.S. in Ed. (Ashland College)
Field of Specialization: Education
- John Andrew Duffy.....Columbus
 B.S. (Rio Grande College)
Field of Specialization: Education
- Bruce Edward Duke.....Springfield
 B.A. (Paterson State College, Wayne, New Jersey)
Field of Specialization: Education
- Melba Patterson Dusenberry.....Plainfield
 B.S. in Edu. (Muskingum College)
Field of Specialization: Education
- Sandra Kay Eade.....London, Ont., Canada
 B.A. (University of Western Ontario)
Field of Specialization: Psychology
- Linda Schley Edwards.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Sarah Gilbert Eggers.....Twinsburg
 B.Sc. in Edu.
Field of Specialization: Romance Languages
- Linda Fern Eisenberg.....New York, N. Y.
 A.B. (City College, New York)
Field of Specialization: Psychology
- Paul John Eldersveld.....Artesia, Calif.
 B.S. (Calvin College, Michigan)
Field of Specialization: Education
- Donald Shields Eliot.....Delaware
 B.A. (Ohio Wesleyan University)
Field of Specialization: Speech
- Geraldine Byrne Ellerbrock.....Shawnee
 B.Sc. in Edu.
Field of Specialization: Business Organization
- John Davidson Elliott.....Scarsdale, N. Y.
 B.A. (Aurora College)
Field of Specialization: Physical Education
- Emily Heath Ellis.....Petersburg, Va.
 B. of M. (University of North Carolina)
Field of Specialization: Music

- Stephen Harold Ellis.....Cleveland
A.B. (Columbia University); M.Sc.
Field of Specialization: Business Organization
- Gerald Allen Emery.....Marion
B.Sc. in Edu.
Field of Specialization: Education
- Ann Wiegand Entorf.....Conneaut
B.S. in Edu. (Kent State University)
Field of Specialization: Education
- Mary Alice Ernst.....Peru, Ill.
B.S. (Northern Illinois University)
Field of Specialization: Speech
- Carolyn McGrath Eubanks.....Jackson
B.S. (Ohio University)
Field of Specialization: Education
- Lloyd Gilbert Evans.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Carolyn Mae Ezzo.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Fred Walter Fanning.....Covington
B.Sc.
Field of Specialization: Education
- Ruth Sneid Fedotin.....Columbus
B.S. in Speech (Northwestern University)
Field of Specialization: Speech
- Arlene Kessler Feltman.....Long Beach, N. Y.
B.A. (Adelphi University)
Field of Specialization: Speech
- James Clinton Ferns.....Columbus
A.B. (Denison University)
Field of Specialization: History
- Eileen Veronica Filocco.....Long Island City, N. Y.
A.B. (Queens College)
Field of Specialization: Speech
- Sally Jane Freeland.....Columbus
B.A.
Field of Specialization: Romance Languages (French)
- William Wayne Freeman.....Cape Girardeau, Mo.
B.S. (Ed.) (Southeast Missouri State College)
Field of Specialization: English
- Edith Turner Frey.....Eglin AFB, Fla.
B.A., M.A. (State University of Iowa)
Field of Specialization: English
- Marion Frey.....Unadilla, N. Y.
B.S. Ed. (State University College, Oneonta, New York)
Field of Specialization: Education
- Salli Levan Friedmann.....San Diego, Calif.
B.A. (University of North Carolina)
Field of Specialization: History

- Nancy Coville Fuller.....Cleveland
B.A.
Field of Specialization: Romance Languages (French)
- Katherine Lorenz Fulton.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- John Henry Garrison.....Fort Bragg, N. C.
A.B. (Dartmouth College)
Field of Specialization: Political Science
- Beverly Patterson Gartland.....Niles
B.A. (Youngstown University)
Field of Specialization: Sociology
- John Albert Cunningham Gibson.....Austin, Tex.
B.A. (University of Texas)
Field of Specialization: Political Science
- Jacqueline Neill Glasgow.....Hilliard
A.B. (Miami University)
Field of Specialization: Education
- Jerry Ross Glick.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Mary Kathryn Gomilar.....Springfield Gardens, N. Y.
B.A. (Marymount College)
Field of Specialization: History
- Barbara Jane Gossard.....Springfield
B.Sc. in Edu.
Field of Specialization: Education
- Susan Bower Graham.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Joni Linick Grant.....Columbus
B.A. (Elem.Edu.) (San Fernando Valley State College)
Field of Specialization: Speech
- Wilton Rufus Greene.....Springfield
B.Sc. in Edu.
Field of Specialization: Education
- Emma Burkhardt Gross.....Dayton
B.S. in Ed. (University of Dayton)
Field of Specialization: Education
- Joyce Pierson Guckert.....Worthington
B.Sc. in Edu.
Field of Specialization: Education
- Raymond Collins Gugel.....Johnstown
A.B. (Saint Bernard's Seminary and College, New York)
Field of Specialization: Education
- David Arthur Guldin.....Akron
B.A. (College of Wooster)
Field of Specialization: Sociology
- Robert Lloyd Haas.....Galion
B.Sc. in Edu.
Field of Specialization: Education

- William Woodrow Haddad.....Seven Hills
B.A.
Field of Specialization: History
- John Holte Hagen.....Columbus
B.A. (Staint Olaf College); J.D. (George Washington University)
Field of Specialization: Philosophy
- Wanda Dianne Hall.....Havana, Fla.
B.S. (Florida State University)
Field of Specialization: Physical Education
- David Lee Hamilton.....Ashland
B.S.Ed. (Ashland College)
Field of Specialization: Education
- Richard Duane Hammann.....Carlisle, Pa.
B.S. (West Chester State College, Pennsylvania)
Field of Specialization: Education
- Norval Lester Hannah.....Barberton
B.S. in Edu. (Kent State University)
Field of Specialization: Education
- John Allen Harmon.....Lima
B.S. Ed. (Ohio Northern University)
Field of Specialization: Education
- Margaret Josephine Harrison.....Jamestown, N. Y.
B.A. (Mercyhurst College, Pennsylvania)
Field of Specialization: Psychology
- James Lowell Hartline.....Willoughby
B.Sc. in Edu.
Field of Specialization: Education
- Lloyd Lester Hartwell.....Kent
B.Sc. in Edu.
Field of Specialization: Education
- Wilma Mast Haskins.....Delaware
B.A. (Eastern Mennonite College)
Field of Specialization: Education
- Howard Norman Hatfield.....Mansfield
B.A. (Marshall University)
Field of Specialization: Education
- Elaine Alyce Hayden.....New Lexington
B.A.
Field of Specialization: Speech
- Dian Sadler Haynes.....Columbus
B.S. (Ed.) (Ohio University)
Field of Specialization: Education
- Margaret Reiter Hazelett.....Marion
B.S. in Nursing, A.B. (Mary Manse College)
Field of Specialization: Education
- Sharon Kerr Helfinstine.....Columbus
B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Richard Joseph Hensler.....Corning
B.Sc. in Edu.
Field of Specialization: Education

- Donald Mason Henson.....Columbus
B.A. (Georgetown College, Kentucky)
Field of Specialization: Speech
- Stanley Stephen Hetzler.....Yellow Springs
A.B. (Antioch College)
Field of Specialization: Sociology
- Roy William Heusel, Jr.....Wheeling, W. Va.
B.S. (Wheeling College)
Field of Specialization: Education
- Dawn Heyman.....Cincinnati
B.S. in Ed. (University of Cincinnati)
Field of Specialization: Education
- Judith Ann Hillson.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- James Walter Hilty.....Columbus
B.Sc. in Edu., M.A.
Field of Specialization: History
- Louella Bowsher Hofsteter.....Columbus
B.M. (Capital University)
Field of Specialization: Education
- Ethel Elizabeth Holder.....Chattanooga, Tenn.
B.A. (Emory and Henry College)
Field of Specialization: Psychology
- Raymond LaVon Hook.....Hicksville
B.S. in Edu. (Defiance College)
Field of Specialization: Education
- Lucy Ann Courtney Hopple.....Columbus
B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Judith Lynn Hudnall.....Charleston, W. Va.
B.S.Ed. (West Virginia University)
Field of Specialization: Education
- Courtney Baughman Hunter.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Judith Ann Hurvitz.....Washington, D. C.
B.A. (University of Maryland)
Field of Specialization: Speech
- Dorothea Jane Ikenberry.....Shepherdstown, W. Va.
B.A. (Shepherd College, West Virginia)
Field of Specialization: Education
- Glenn Alfred Janus.....Norfolk, Va.
A.B. (University of Rochester)
Field of Specialization: History
- Eugene Byron Jefferson.....Columbus
B.Sc. in Edu.
Field of Specialization: Music
- Marilyn Hartman Jende.....Lebanon
B.S.Ed. (Ohio University)
Field of Specialization: Education

- Wayne Arlan Jepson.....Columbus
B.S. (University of Idaho)
Field of Specialization: Education
- Maryalyce Jeremiah.....Cedarville
B.A. (Cedarville College); B.S.Ed. (Central State College)
Field of Specialization: Physical Education
- John Howard Johnson.....Maysville, Ky.
A.B. (Moorehead State College, Kentucky)
Field of Specialization: Speech
- Lea Lovice Johnson.....Washington, D. C.
B.S. (Phy.Ed.) (Washington State University)
Field of Specialization: Physical Education
- Nancy Moore Johnson.....East Palestine
B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Sarah Mae Johnston.....Columbus
B.A. (Maryville College)
Field of Specialization: History
- James Alfred Jonard.....Westerville
B.Sc. in Edu.
Field of Specialization: Education
- Sarah Gwen Jones.....Lakewood
B.S. in Ed. (Bowling Green State University)
Field of Specialization: Education
- Paul Edward Katterhenrich.....Grove City
B.S. in Edu. (Capital University)
Field of Specialization: Education
- Rebecca Lee Kaufman.....Milford Center
A.B. (Capital University)
Field of Specialization: Speech
- Betty Walker Keefer.....Mansfield
B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Marlene Hassel Kehr.....North Olmsted
B.A. (Muskingum College)
Field of Specialization: Sociology
- Gary George Kemp.....Fairborn
B.F.A.
Field of Specialization: Art
- Elizabeth Linker Kenreich.....Columbus
B. Mus. Ed. (Capital University)
Field of Specialization: Music
- William Ronald Kenreich.....Columbus
B. Mus. Ed. (Capital University)
Field of Specialization: Music
- Rose Anne Kinzie.....Troutville, Va.
B.A. (Bridgewater College, Virginia)
Field of Specialization: Physical Education
- David James Kludy.....Greenville
B.Sc. in Edu.
Field of Specialization: Education

- Donald Eugene Knight.....DeGraff
B.S. (Bluffton College)
Field of Specialization: Education
- Nadine Ann Koogler.....Springfield
B.S. (Manchester College)
Field of Specialization: Education
- Mark Anthony Krabbe.....Cincinnati
A.B. (University of Dayton)
Field of Specialization: Education
- Katsumi Kuwae.....Misato-Son, Okinawa
B.A. (University of the Ryukyus)
Field of Specialization: Education
- Margaret Rose Lacy.....Portsmouth
B.S. (Miami University)
Field of Specialization: Education
- James E. Lanier.....Woodsfield
B.Sc. in Edu.
Field of Specialization: Education
- Margaret Elaine Lautenbach.....Bellefontaine
B. of Mus. (Capital University)
Field of Specialization: Music
- Benjamin Samuel Lee.....Mt. Vernon
B.A. (College of Wooster)
Field of Specialization: Philosophy
- Paul Gregory Lee.....Lima
A.B. (Harvard College)
Field of Specialization: Linguistics
- Grace Caroline LeLear.....Grand Rapids, Mich.
B.A. (Thiel College)
Field of Specialization: English
- Carol Schibowski Lennebacker.....Cooperstown, N. Y.
B.S. (State University College of Education, Oswego, New York)
Field of Specialization: Education
- David Hoyt Liggitt.....Bellefontaine
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Nancy Lee Liming.....Worthington
B.Sc. in Edu.
Field of Specialization: Education
- Paul Daniel Lister.....Marion
B.Sc. in Soc.Wel.
Field of Specialization: Education
- Gary Lynn Lora.....Columbus Grove
B.S. (Bluffton College)
Field of Specialization: Music
- Donald Frederick Lott.....Warren
B.Sc. in Edu.
Field of Specialization: Education
- Robert Lorraine Lower.....Coshocton
B.S. (Muskingum College)
Field of Specialization: Education

- Donald Ernest Lown.....Columbus
B.S.Ed. (State University College, Brockport, New York)
Field of Specialization: Education
- Malachy Leo Mandville.....Labrador City, Newfoundland, Canada
B.A. (University of Ottawa)
Field of Specialization: Education
- Patrick Cornelius Mannion.....Columbus
B.A. in Edu. (University of Akron)
Field of Specialization: Education
- Thomas Eugene Manuel.....New Boston
B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Stanley Tien Marcus.....Wayne, Mich.
A.B.Ed. (University of Michigan)
Field of Specialization: Education
- Kathleen Cannon Marinelli.....Cleveland
B.S.Edu. (Ohio University)
Field of Specialization: Education
- Barbara Gerhart Martin.....Mt. Vernon
B.S. (Defiance College)
Field of Specialization: Education
- Orville William Martin.....Napoleon
B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- Jack Leonard Mason.....Findlay
A.B. (McPherson College); M.S. (Kansas State Teachers College,
Emporia)
Field of Specialization: Art
- Thomas Eugene McClung.....Fostoria
B.A. (College of Wooster)
Field of Specialization: Education
- Elizabeth Anne Dyson McGinley.....Lima
B.Sc. in Edu.
Field of Specialization: Education
- Richard Dean McKinnon.....Carbondale, Colo.
B.F.A. (University of Denver)
Field of Specialization: Education
- Betty Brinkerhoff McMillin.....Englewood
B.S.Edu. (Miami University)
Field of Specialization: Education
- James Keith Mercer.....Clyde
B.Mus.Edu. (Capital University)
Field of Specialization: Music
- Charles William Merrilees.....Cambridge
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Thomas Robert Metzler.....Warren
B.F.A.
Field of Specialization: Art
- David Lee Meyer.....Belvidere, Ill.
B.S. (Western Illinois State College)
Field of Specialization: Education

- Marilyn Ann Michalak**.....Cleveland
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Ray Richard Middleton**.....Delaware
 B.Sc. in Edu.
Field of Specialization: Education
- Betty Krimmel Miller**.....Circleville
 B.Sc. in Edu.
Field of Specialization: Education
- Patricia Lou Mills**.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Dan Howden Mitchell**.....Green Camp
 B. Mus. (Ohio Wesleyan University)
Field of Specialization: Music
- Esmat Fardin Moheimani**.....Tehran, Iran
Field of Specialization: English
- Ross Joseph Monaco**.....Steubenville
 B.Sc. in Edu.
Field of Specialization: Education
- Howard Herbert Moon, Jr.**.....New Philadelphia
 B.S. (University of Wisconsin) ; B.Sc. in Edu.
Field of Specialization: Education
- Denis Michael Moran**.....Swindon, Wilts, England
 B.A. (Immaculate Heart College, California)
Field of Specialization: Education
- Martha Jump Morgan**.....Columbus
 A.B. (Denison University)
Field of Specialization: Education
- William Mrukowski**.....Elyria
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Karen Shanley Mullin**.....Omaha, Nebr.
 A.B. (University of California, Los Angeles)
Field of Specialization: Physical Education
- Donald Kevin Mulvihill**.....Westfield, N. J.
 B.S. in Edu. (University of Dayton)
Field of Specialization: Classical Languages
- Jerald Wayne Murdock**.....Swartz Creek, Mich.
 B.S. (Michigan State University)
Field of Specialization: Education
- Ellen MacLarren Murray**.....Powell
 B.A. (Berea College)
Field of Specialization: Sociology
- Donald Michael Murtha**.....Arlington, Va.
 A.B. (Antioch College)
Field of Specialization: Art
- Ann Kimball Myers**.....Marion
 B.Sc. in Edu.
Field of Specialization: Speech

- Donna McKinley Nagely.....Salina, Kans.
A.B. (Kansas Wesleyan University)
Field of Specialization: Psychology
- Ralph Cecil Neal.....Grove City
B.S. in Ed. (Kent State University)
Field of Specialization: Education
- Robert Lloyd Neumann.....Zanesville
B.S. (University of Cincinnati)
Field of Specialization: Music
- Sandra Barbour Newcomb.....Lancaster
B.A. (Ohio Wesleyan University)
Field of Specialization: History
- Fred Byerla Newton.....Galloway
B.A. (Muskingum College)
Field of Specialization: Education
- Robert Frederick Novotny.....Ashtabula
B.Sc. in Edu.
Field of Specialization: Romance Languages
- Anugo Patrick Ntukogu.....Onitsha, Nigeria
A.B. (Central State College)
Field of Specialization: Political Science
- John Karol Oblak.....Cleveland
B.Sc. in Edu.
Field of Specialization: Music
- Joseph Francis O'Connor.....Akron
B.A. (Borromeo Seminary of Ohio, Wickliffe)
Field of Specialization: Classical Languages
- Albert John Ogren, Jr.....Bloomington, Minn.
B.S., M.Ed. (Abilene Christian College)
Field of Specialization: Education
- Emmanuel Babatunde Ogundele.....Igbaye, Nigeria
B.S in Bus. Ad. (Bowling Green State University)
Field of Specialization: Accounting
- Roger Keith Ohlemacher.....Sandusky
A.B. (Mount Union College)
Field of Specialization: Education
- Linda Beth Orgel.....Canton
B.A.
Field of Specialization: English
- Phyllis Marynick Palmer.....Columbus
A.B. (Oberlin College)
Field of Specialization: History
- Elizabeth Louise Patterson.....Dayton
B.A. (Baldwin-Wallace College)
Field of Specialization: Education
- Dorothy Lucile Peak.....Long Island, Va.
B.S. Ed. (Madison College); M.R.E. (Southern Baptist Theological Seminary)
Field of Specialization: Education
- Marian Purdy Peneton.....Lexington
B.S. in Ed. (Ashland College)
Field of Specialization: Education

- Richard Dale Pepple.....Wilmington
 B.Sc. in Edu.
Field of Specialization: Education
- Walter Stephen Phelan.....Columbus
 A.B. (Pontifical College Josephinum)
Field of Specialization: English
- Robert Charles Phillips.....Steubenville
 B.A.
Field of Specialization: German
- Dennis Arthur Pickering.....Piqua
 B.Sc. in Edu.
Field of Specialization: Education
- Isaiah Benjamin Pierce, Jr.....Columbus
 A.B. (University of Pittsburgh)
Field of Specialization: Education
- Evelyn Corwin Pifer.....Mansfield
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Elisabeth Hanson Pittman.....Cocoa, Fla.
 B. of Gen.Studies (Rollins College)
Field of Specialization: Slavic Languages
- Marjorie Leeds Pollack.....Cedarhurst, N. Y.
 B.Sc. in Edu.
Field of Specialization: Education
- Wilbur Victor Pontius.....Kingston
 B.Sc. in Edu.
Field of Specialization: Education
- Glenna Geese Pound.....Marysville
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- June Marguerite Prange.....Columbus
 A.B. (Capital University)
Field of Specialization: Education
- Bailey Howell Price.....Columbus
 B.A. (Williams College)
Field of Specialization: Music
- Norman Morris Puntenney.....Mingo Junction
 B.Sc. in Edu.
Field of Specialization: Education
- David Lawrence Rarick.....Madison, Wis.
 B.S. (University of Wisconsin)
Field of Specialization: Speech
- Barbara Duffey Redick.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Jeffrey Michael Rehm.....Shaker Heights
 A.B. (Washington University)
Field of Specialization: Psychology
- Robert Alan Reither.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education

- Joyce Kempf Renfrew.....Coshocton
B.S. in Nurs. (Western Reserve University)
Field of Specialization: Education
- Jobyann Renick.....Columbus
B.Sc. in Edu.
Field of Specialization: Physical Education
- Joan Dohse Rensch.....Dayton
B. of Music Ed. (Capital University)
Field of Specialization: Music
- Gerald Ernest Reynolds.....Geneva, Ill.
B.A. (Kenyon College)
Field of Specialization: Political Science
- Janice McKenna Reynolds.....Hubbardston, Mich.
B.S. (Central Michigan University)
Field of Specialization: Sociology
- Edward Alexander Rhodes.....Canton
B.S.Ed. (Malone College)
Field of Specialization: Education
- Neil Ryan Richardson.....Columbus
A.B. (Miami Univeristy)
Field of Specialization: Political Science
- Dean Burleigh Rinehart.....Columbus
B.Sc. in Edu.
Field of Specialization: Physical Education
- Mollie Joan Robbins.....San Diego, Calif.
B.A. (Psych.) (San Jose State College)
Field of Specialization: Psychology
- Elaine Roberts.....West Hempstead, N. Y.
A.B. (Queens College)
Field of Specialization: English
- William Howell Roberts.....Delaware
B.A., B.Sc. in Edu.
Field of Specialization: Education
- I. Arlene Robinson.....Columbus
B.S. Ed. (Ohio University)
Field of Specialization: Education
- Daniel John Ronc.....Lorain
B.S. in Ed. (Miami University)
Field of Specialization: Political Science
- Brownell Clikeman Ross.....Savanna, Ill.
B.S. (Northwestern University)
Field of Specialization: Speech
- Mary Gunsallus Roth.....Worthington
B.S. Ed. (Indiana State College, Pennsylvania)
Field of Specialization: Education
- Carol Ann Angene Rush.....Bucyrus
B.Sc. in Edu.
Field of Specialization: Education
- Richard Wilbur Russell.....Columbus
B.Sc. in Edu.
Field of Specialization: Physical Education

- Mary Varner Sabatino.....Frazeysburg
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Jeffrey Jay St. Clair.....Masontown, Pa.
B.A. (Pennsylvania State University)
Field of Specialization: Romance Languages
- Uldis Janis Sakss.....East Cleveland
B.A.
Field of Specialization: Political Science
- John Paul Sanders.....Jenkins, Ky.
A.B. in Edu. (University of Kentucky)
Field of Specialization: English
- Norma Joanne Sanders.....Greenville
B.S. in Edu. (Capital University)
Field of Specialization: Education
- John Harvey Saylor.....Van Wert
B.Sc. in Edu.
Field of Specialization: Education
- Sister Mary Carol Schalk.....Columbus
B.S. in Edu. (Rosary Hill College, New York)
Field of Specialization: Speech
- William Allen Scheaf.....Columbus
A.B. (Middlebury College, Vermont) ; B.Sc. in Edu.
Field of Specialization: Psychology
- John Douglas Scherer.....Columbus
B.A.
Field of Specialization: History
- Ralph Allen Scherler.....Cleveland
B.Sc. in Edu.
Field of Specialization: Education
- Sarah Craik Schmick.....Chevy Chase, Md.
A.B. (University of Georgia)
Field of Specialization: Political Science
- Verna Jean Smith Schuler.....Worthington
B.A. (Michigan State University)
Field of Specialization: Speech
- Mary Salb Schumacher.....Columbus
B.S. in Nurs. (Capital University)
Field of Specialization: Education
- Mary Nadine Schwallie.....Ripley
B.S. in Edu. (Miami University)
Field of Specialization: Education
- Kathryn Carlisle Schwartz.....Gambier
A.B. (Bard College)
Field of Specialization: English
- Phillip Edwin Scott.....Plain City
B.Sc. in Edu.
Field of Specialization: Education
- Rose Margaret Roherty Sedeen.....St. Louisville
B.A. (Rockford College)
Field of Specialization: English

- Darlene Orr Semler.....Eaton
B.S. in Edu. (Miami University)
Field of Specialization: Education
- Charlena Moten Seymour.....Roxbury, Mass.
B.F.A. (Howard University)
Field of Specialization: Speech
- Thomas Bruce Sharpe.....Liberty Center
B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Leon Saul Shaskolsky.....Tel Aviv, Israel
B.A., LL.B. (University of Cape Town)
Field of Specialization: Sociology
- Loren Adair Shearer.....Kettering
B.A. (College of Wooster)
Field of Specialization: Speech
- Ronald Gene Shelton.....Carroll
B.A. (Olivet Nazarene College)
Field of Specialization: Education
- Carole Jo Shiplevy.....St. Clairsville
B.A.
Field of Specialization: History
- Carolyn Ann Short.....Wauseon
B.A. (Goshen College)
Field of Specialization: Education
- James Michael Siddens.....St. Cloud, Minn.
B.A. (Kansas State University)
Field of Specialization: English
- Ira Jay Silverman.....New York, N. Y.
A.B. (City College, New York)
Field of Specialization: Sociology and Anthropology
- James Sanders Sims.....Marietta
A.B. (Marietta College)
Field of Specialization: Education
- Michael Sipl.....Columbus
B.S. (University of Dayton)
Field of Specialization: Education
- Sharon Barnes Slack.....Worthington
B.Sc. in Edu.
Field of Specialization: History
- Earl Keith Smelser.....Winona, Minn.
B.A. (Hamline University)
Field of Specialization: Education
- Clyde Sharpe Smith.....Carlisle, Ky.
B.S. (Eastern Kentucky State College)
Field of Specialization: Education
- Glenella Campbell Smith.....Harrison
B.Sc. in Edu.
Field of Specialization: Education
- Warren Fredric Smith.....Gibsonburg
A.B. (Capital University)
Field of Specialization: Education

- Edward Lawrence Soderman.....Berkeley, Calif.
A.B. (San Francisco State College)
Field of Specialization: Education
- Ivamae Sommers.....Columbus
B.S. (Manchester College, Indiana)
Field of Specialization: Education
- Patricia Frazier Southward.....Ashville
B.Sc. in Edu.
Field of Specialization: Education
- Marjorie Hunter Sowell.....Hamilton
B.Sc. in Soc.Adm.; B.S. in Ed. (University of Cincinnati)
Field of Specialization: Education
- Woodrow Oakie Spriggs, Jr.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Jean Mitchell Staley.....Lima
B.A.
Field of Specialization: Romance Languages
- Nancy J. Stanich.....Sewickley, Pa.
B.A. (Parsons College)
Field of Specialization: Physical Education
- Mary Lou Starke.....Cleveland
B.S. in Ed. (Valparaiso University)
Field of Specialization: Education
- Rodney Earl Steele.....Washington, D. C.
B.A., B.Sc. in Bus.Adm.
Field of Specialization: Economics
- William Herman Steffens.....Marysville
B.Sc. in Edu.
Field of Specialization: Education
- John Edward Steitz.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Joseph Michael Stern.....South Euclid
B.A. (Fenn College)
Field of Specialization: English
- Jeffrey Alan Stuckman.....Bucyrus
B.Sc. in Edu.
Field of Specialization: Education
- Koki Sukegawa.....Mito-Shi, Japan
Bachelor of Law (University of Tokyo)
Field of Specialization: Political Science
- George Michael Sunnucks.....Mansfield
B.Sc. in Edu.
Field of Specialization: History
- Donna Kenower Sutton.....Lima
A.B. (Ohio Northern University)
Field of Specialization: Romance Languages
- Nancy Risdon Swain.....Huntington, N. Y.
B.S. in Edu. (Hofstra University)
Field of Specialization: Education

- Phyllis Joanne Swank.....Bellville
B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Gail Elaine Sweeney.....Stewartstown, Pa.
A.B. (Gettysburg College)
Field of Specialization: Psychology
- Alice Jean Taliak.....Berea
A.B. (Middlebury College)
Field of Specialization: Education
- Jane Bryant Taracko.....Columbus
B.A. (Muskingum College)
Field of Specialization: Education
- Joseph Monroe Taylor.....Milan
A.B.Ed. (Glenville State College, West Virginia)
Field of Specialization: Education
- Betty Lou Jamieson Tenney.....Santa Clara, Calif.
B.S.Ed. (Southern Oregon College of Education)
Field of Specialization: Education
- Arnold Jay Terpstra.....Grand Rapids, Mich.
A.B. (Calvin College) ; A.M. (University of Michigan)
Field of Specialization: Education
- Evan Robert Thomas.....Galloway
A.B. (Asbury College, Kentucky)
Field of Specialization: History
- Gary Eugène Thompson.....Bellefontaine
B.Sc. in Edu.
Field of Specialization: Education
- Charles Tichy.....Phoenix, Ariz.
B.A. (Arizona State University)
Field of Specialization: Slavic Languages
- Rita Salb Troxel.....Columbus
B.S. in N.Ed. (Indiana University)
Field of Specialization: Education
- Betty Jean Tucker.....Opa-Locka, Fla.
B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Speech
- Janet Lynne Tucker.....Cincinnati
B.Sc. in Edu.
Field of Specialization: Psychology
- Susan Rucht Vago.....Columbus
A.B. (Hiram College)
Field of Specialization: Education
- John Raymond Vermillion.....Williamstown
B.Sc. in Edu.
Field of Specialization: Education
- Barbara Weir Vollenweider.....West Chester, Pa.
B.S. in Sec.Edu. (West Chester State College, Pennsylvania)
Field of Specialization: Education

- Charles Ronald Wagner.....Bedford
 B.Sc. in Edu.
Field of Specialization: Education
- Bruce Albert Waite.....Mansfield
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- Nancy Grant Waite.....Columbus
 B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Louise Chambers Watters.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Virginia Hetzler Weaston.....Westerville
 A.B. (Otterbein College)
Field of Specialization: Education
- Ardeth Woodard Webber.....Cedarville
 B.A. (William Penn College, Iowa)
Field of Specialization: Education
- Donald Louis Weber.....Reynoldsburg
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Sister Lucille Weber.....Dayton
 B.S. in Ed. (University of Dayton)
Field of Specialization: Education
- Barbara Lynne Weinstein.....South Bend, Ind.
 A.B. (Indiana University)
Field of Specialization: Political Science
- Dennis Edward Wenger.....East Canton
 B.Sc. in Edu.
Field of Specialization: Sociology and Anthropology
- Janet Williams White.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Lowell Whitman.....Larue
 B.Sc. in Edu.
Field of Specialization: Education
- Beverly Watson Willis.....Massillon
 B.Sc. in Edu.
Field of Specialization: Education
- Barbara Jane Wilson.....Sandusky
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Sharon Sides Wilson.....Zanesville
 B.A. (Muskingum College)
Field of Specialization: Education
- Joey Samuel Windham.....Frostproff, Fla.
 B.A., M.A. (Ed.) (Western Carolina College)
Field of Specialization: Education
- Pearl C. Winter.....Brooklyn, N. Y.
 B.Sc. in Edu.
Field of Specialization: Sociology

- Cecilia Catherine Witt.....Chardon
B.A. (Catholic University of America)
Field of Specialization: Speech
- Daniel Wayne Workman.....Lexington
B.S. Ed. (Ashland College)
Field of Specialization: Education
- Doris Yvonne Wright.....Columbia, S. C.
B.S. (West Virginia State College, Institute)
Field of Specialization: Education
- Anita Lee Zarembo.....Wilkes-Barre, Pa.
B.S.H.E. (State Teachers College, Lock Haven, Pennsylvania)
Field of Specialization: Psychology
- Lowell Venell Zetterman.....Lexington, Nebr.
A.B. (Doane College)
Field of Specialization: Education
- Marsha Lach Zilch.....Amherst
A.B. (University of Michigan)
Field of Specialization: Speech
- Luna Cooper Zollinger.....Columbus
B.Sc. in Edu.
Field of Specialization: Education

(Three hundred and sixty-eight candidates)

Master of Business Administration

- Kenneth Joseph Bachman.....Stone Lake, Wis.
B.S. (Agric.) (University of Wisconsin)
Field of Specialization: Business Organization
- Thomas Bagley.....Hamilton
B.S. in Edu. (Miami University)
Field of Specialization: Business Organization
- Gary Lee Baxter.....Euclid
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Charles William Blanchard.....Lyndhurst
B.A. (University of Notre Dame)
Field of Specialization: Business Organization
- Gary Irvin Borchardt.....Santa Clara, Calif.
B.S. (San Jose State College)
Field of Specialization: Business Organization
- William Kettler Brandt.....Anna
B.Sc. in Agr.
Field of Specialization: Business Organization
- James Richard Brotherton.....Lakewood, Calif.
A.B. (Boston University)
Field of Specialization: Business Organization
- Robert L. Bryan.....Biloxi, Miss.
B.S. (Bus.Adm.) (Rochester Institute of Technology)
Field of Specialization: Business Organization
- Joe Lane Byrom.....Wichita Falls, Tex.
B.A. (Whitworth College, Washington)
Field of Specialization: Business Organization

- Edward Robert Cain.....Columbus
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Robert Louis Casterline.....Columbus
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Robert Peterson Chalfant.....Steubenville
A.B. (University of Pennsylvania); LL.B.
Field of Specialization: Business Organization
- William Richard Chambers.....Ethel, Miss.
B.S. (Mississippi State University)
Field of Specialization: Business Organization
- William Alfred Christians.....Johnson Creek, Wis.
B.S. (University of Wisconsin)
Field of Specialization: Business Organization
- Thomas Joseph Cody, Jr.....Clearwater, Fla.
B.S. (United States Military Academy)
Field of Specialization: Business Organization
- Jackie Lee Copeland.....Columbus
B.S. (Hardin-Simmons University)
Field of Specialization: Business Organization
- James Lewis Crouch.....Keller, Tex.
B.A. (North Texas State College, Denton)
Field of Specialization: Business Organization
- Samuel Lee Croucher.....Dayton
B.S.B.A. (Berea College)
Field of Specialization: Business Organization
- Thomas Paul Drake.....Zanesville
B.B.A. (Ohio University)
Field of Specialization: Business Organization
- Harris Charles Friedman.....South Euclid
B.Sc.
Field of Specialization: Business Organization
- John Lewis Funkhauser.....Atchison, Kans.
B.S. (United States Naval Academy)
Field of Specialization: Business Organization
- William Howard Glass.....Gervais, Ore.
B.S. (Oregon State University)
Field of Specialization: Business Organization
- Gordon Dickie Gortler.....Columbia City, Ore.
B.S. (Brigham Young University)
Field of Specialization: Business Organization
- Eugene Moores Graham.....Bloomfield, Ky.
B.S. in Com. (University of Kentucky)
Field of Specialization: Business Organization
- Arnold Herbert Haberkorn, Jr.....Camden, Ark.
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Gerald Marshall Hampton.....Coral Gables, Fla.
B.A. in Bus.Adm. (University of Washington)
Field of Specialization: Business Organization

- Patrick Leigh Hampton.....Akron
B.S. in B.A. (Miami University)
Field of Specialization: Business Organization
- Joel Barry Haynes.....Cincinnati
B.I.E.
Field of Specialization: Business Organization
- Larry Lammers Heckman.....East Cleveland
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Ralph Kenneth Henricks.....Jackson, Calif.
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Michael Leonard Hinnebusch.....Pittsburgh, Pa.
B.S. (Bus. Adm.) (Duquesne University)
Field of Specialization: Business Organization
- Marion Billy Hitt.....San Angelo, Tex.
B.S. (Virginia Polytechnic Institute)
Field of Specialization: Business Organization
- Paul Francis Hoffmann.....Dayton
B.I.E. (University of Dayton)
Field of Specialization: Business Organization
- Nicholas Andre Keck.....Clearwater, Fla.
B.A. (University of Maryland)
Field of Specialization: Business Organization
- Dale Leroy Kellam.....Huntington, Ind.
B.S. in Ed. (Ball State University)
Field of Specialization: Business Organization
- William Andrew Knapp.....Newton Falls
B.S. (Florida Southern College, Lakeland)
Field of Specialization: Business Organization
- William Dale Knox.....El Paso, Tex.
B.A. (East Texas State Teachers College)
Field of Specialization: Business Organization
- Richard Kosmo.....Lorain
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- William Brenton Lance.....Billings, Mont.
B.S. in Agr. (Montana State College, Bozeman)
Field of Specialization: Business Organization
- George Nelson Leventen.....Los Angeles, Calif.
B.S. (United States Naval Academy)
Field of Specialization: Business Organization
- David Edward Lintzenich.....Columbus
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Harry Ralph Lisk.....Columbus
B.S. (Ind. Mgt.) (University of Cincinnati)
Field of Specialization: Business Organization
- Raymond Newton Long.....New Braunfels, Tex.
B.S. in I.A. (Southwest Texas State Teachers College)
Field of Specialization: Business Organization

- Harry Edward Loudenslager**.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Homer Junior Merfeld**.....Cloquet, Minn.
 B.S. (Texas Agricultural and Mechanical University)
Field of Specialization: Business Organization
- Terence Edward Monaghan**.....Dayton
 B.S. in Bus. Adm. (Northwestern University)
Field of Specialization: Business Organization
- Minoru Nakai**.....Tokyo, Japan
 B.Sc. (Keio University)
Field of Specialization: Business Organization
- William Lucas Neal**.....Greenville
 B.S. (Bus.) (Miami University)
Field of Specialization: Business Organization
- William Bowers Norwood**.....New Orleans, La.
 B.A. (Southeastern Louisiana College)
Field of Specialization: Business Organization
- Robert Charles Oaks**.....Provo, Utah
 B.S. (United States Air Force Academy)
Field of Specialization: Business Organization
- Ronald Anthony Oranski**.....Independence
 B.S.M.E. (University of Toledo)
Field of Specialization: Business Organization
- Philip Charles Parker**.....Stow
 B.A.
Field of Specialization: Business Organization
- Robert William Parker**.....Cadyville, N. Y.
 A.B. (Saint Michaels College, Vermont)
Field of Specialization: Business Organization
- Dulin Barrett Perry**.....Martins Ferry
 B.E.E.
Field of Specialization: Business Organization
- Larry Leroy Phelps**.....Middletown
 B.S. (Accountancy) (University of Illinois)
Field of Specialization: Business Organization
- James Laurence Post**.....Medfield, Mass.
 B.A. (University of Colorado)
Field of Specialization: Business Organization
- James Donald Powell**.....Byers, Tex.
 B.B.A. (North Texas State University)
Field of Specialization: Business Organization
- Bobby Jay Ratledge**.....Greensboro, N. C.
 B.S.B.A. (University of North Carolina)
Field of Specialization: Business Organization
- Kenneth Anthony Roberts**.....Baltimore, Md.
 B.A. (University of Maryland)
Field of Specialization: Business Organization
- Herbert Sylvester Schaeffer, Jr.**.....Bellevue
 B.S. (United States Military Academy)
Field of Specialization: Business Organization

- Charles Alfred Snyder.....Dayton
 B.F.A. (University of Georgia)
Field of Specialization: Business Organization
- Ray Stevenson III.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Austin R. Wade.....Franklin, Ky.
 B.S. (Western Kentucky State College, Bowling Green)
Field of Specialization: Business Organization
- James Noel Weider.....Hicksville
 B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- James Patrick Whalen.....Forest Hills, N. Y.
 B.A. (Manhattan College)
Field of Specialization: Business Organization
- David Edward Workman.....Newark
 B.S. (Purdue University)
Field of Specialization: Business Organization
 (Sixty-six candidates)

Master of City Planning

- Michael Alan Calvert.....Columbus
 B.A.
Field of Specialization: Architecture (City Planning)
- Franklin Leroy Elmer.....Sandusky
 B. of Arch. (Kent State University)
Field of Specialization: Architecture (City Planning)
- Alexander Daniel Fittinghoff.....Oakland, Calif.
 B.S. (California State Polytechnic College)
Field of Specialization: Architecture (City Planning)
- Nathaniel Moffitt Griffin.....St. Louis, Mo.
 B.A. (Washington and Lee University)
Field of Specialization: Architecture (City Planning)
- James Clifford Tonn.....Elton, La.
 B.S.L.A. (Louisiana State University)
Field of Specialization: Architecture (City Planning)
 (Five candidates)

Master of Education

- Cleo Wolfe Goldsberry.....Columbus
 B.S. in Ed. (Capital University)
Field of Specialization: Education
 (One candidate)

Master of Fine Arts

- John Willard Fox.....Columbus
 B.F.A.
Field of Specialization: Fine Arts (Graphics)
 (One candidate)

Master of Medical Science

Arthur Albert Tesi.....Columbus
B.Sc.
Field of Specialization: Surgery
(One candidate)

Master of Music

Erica Elizabeth Smit-Vanrotte.....Columbus
M.A.
Field of Specialization: Music

Dale Roy Sparlin.....Cleveland Heights
B.Mus.
Field of Specialization: Music
(Two candidates)

Master of Science

Syed Afaq Ali.....Karachi, Pakistan
B.Sc. (Hon.), M.Sc. (University of Karachi)
Field of Specialization: Geology

Lynne Musgrave Angerer.....Columbus
B.Sc.
Field of Specialization: Zoology

Dorothy Ayers Augenstein.....Perrysville
B.Sc. in Nurs.
Field of Specialization: Nursing

Robert Britton Auld, Jr.....Cleveland
B.S. (Antioch College)
Field of Specialization: Physics

James Walter Azbell.....Columbus
E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering

Richard Craig Bailey.....Indiana, Pa.
B.S. in Ed. (Indiana State College, Pennsylvania)
Field of Specialization: Mathematics

Charles Marvin Baldeck.....Rochester, N. Y.
B.S. (Eastern Nazarene College, Massachusetts)
Field of Specialization: Chemistry

Karl Roy Barnhardt.....Lima
B.Sc.
Field of Specialization: Computer Science

Robert William Batchelor.....Pittsford, N. Y.
B.S. (Saint Francis College, Pennsylvania)
Field of Specialization: Chemistry

Gerald Robert Baughman.....Carey
B.Agr.E.
Field of Specialization: Agricultural Engineering

Robert Bruce Beelman.....Columbus
B.S. (Capital University)
Field of Specialization: Horticulture

- Welden Sommer Benedict.....Columbus
B.A.A.E., M.Sc.
Field of Specialization: Nuclear Engineering
- James Frederick Berg.....Wapakoneta
B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Ronald Stephen Boster.....Columbus
B.Sc. in Edu.
Field of Specialization: Geology
- John William Bradshaw.....West Milton
B.Ch.E.
Field of Specialization: Chemical Engineering
- Marianne Joan Carlson.....West Orange, N. J.
B.S. (Chestnut Hill College, Pennsylvania)
Field of Specialization: Chemistry
- Carl Robert Carnein.....Chillicothe
B.Sc.
Field of Specialization: Geology
- Sister George Mary Carr.....Nazareth, Ky.
B.S. (Catherine Spaulding College, Kentucky)
Field of Specialization: Home Economics
- Vinay Dattatraya Chafekar.....Gadag, India
B.D.S. (University of Bombay)
Field of Specialization: Dentistry
- William Clifton Chard.....Columbus
B.Cer.E.
Field of Specialization: Ceramic Engineering
- John Vincent Chidley.....Cleveland
B.S. (Bowling Green State University)
Field of Specialization: Anatomy
- Frances Marie Chmura.....Parma
B.S. in Nursing (St. John College of Cleveland)
Field of Specialization: Nursing
- Daryl Ray Clark.....Piedmont
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Darral Glen Clarke.....Salt Lake City, Utah
B.A. (University of Utah)
Field of Specialization: Mathematics
- Adele Ruth Cohn.....Cleveland Heights
B.S.Ed. (Ohio University)
Field of Specialization: Mathematics
- Alice Lee Congdon.....Spokane, Wash.
B.S. in Bact. (Washington State University)
Field of Specialization: Microbiology
- James Frederic Corum.....Wilmington, Mass.
B.S. (E.E.) (Lowell Technological Institute)
Field of Specialization: Electrical Engineering
- Ronald Lee Cunning.....Mansfield
B.E.E.
Field of Specialization: Electrical Engineering

- James William Davis.....Cambridge
B.Sc.
Field of Specialization: Geology
- John Henry Davis.....Carrollton
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Kenneth Ray Diller.....Orrville
B.M.E.
Field of Specialization: Mechanical Engineering
- Stephen James Dina.....Medina
B.S. (Mount Union College)
Field of Specialization: Botany
- Brian Arthur Dinel.....London, Ont., Canada
B.Sc. in Pharm. (University of Toronto)
Field of Specialization: Pharmacy
- Carroll Ray Dobbs.....Belleville, Ark.
B.S. (Arkansas Polytechnic College)
Field of Specialization: Physiological Chemistry
- Sister M. Ellen Francis Duchelle.....Hamden, Conn.
B.S. (Saint Joseph College, Connecticut)
Field of Specialization: Chemistry
- Jane Elizabeth Dudek.....Potoskey, Mich.
B.S. (Michigan State University)
Field of Specialization: Mathematics
- William Abel Felton.....Pittsburgh, Pa.
B.Sc.
Field of Specialization: Computer Science
- Kenneth Thomas Fitzpatrick.....The Bronx, N. Y.
B.S. (City College, New York)
Field of Specialization: Geology
- Martin Andrew Garcia.....Massillon
B.Sc.
Field of Specialization: Anatomy
- Sarah Ann Mathews Garrett.....Worthington
B.S. (O.T.) (University of Wisconsin)
Field of Specialization: Home Economics
- Paul Howard Gault.....Baden, Pa.
B.S. (Geneva College)
Field of Specialization: Chemistry
- Charles Wayne Geiselman, Jr.....Greenwood, Miss.
B.S. in Pharmacy (University of Mississippi)
Field of Specialization: Pharmacy
- Marcia Rehmar Gelpe.....Cleveland Heights
A.B. (Barnard College)
Field of Specialization: Zoology and Entomology
- Rose Marie Gerber.....Kidron
B.Sc. in Nurs.
Field of Specialization: Nursing
- Margaret Burkley Gill.....Westerville
B.Sc. in H.E.
Field of Specialization: Home Economics

- Rosa Lee Glee.....Madison, Fla.
B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Home Economics
- Robert Anthony Golobic.....Euclid
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Anne Stubenrauch Goodell.....Columbus
B.S. (University of Wisconsin)
Field of Specialization: Home Economics
- John Douglas Goss.....Columbus
B.Sc. in Phys.
Field of Specialization: Physics
- *Thomas William Greaves.....Cleveland
Field of Specialization: Electrical Engineering
- Radhey Shyam Gupta.....Meerut, India
B.Sc., M.Sc. (Agra University)
Field of Specialization: Mathematics
- Sezai Gursel.....Gaziantep, Turkey
M.D. (Ankara University)
Field of Specialization: Pathology
- Tran Trong Ha.....Saigon, Viet Nam
M.D. (University of Saigon)
Field of Specialization: Pathology
- Dhaneshwar Prasad Hajela.....Delhi, India
B.Sc. (Agra University); B.E. (University of Roorkee)
Field of Specialization: Geodetic Science
- Richard Coumains Hall.....Bloomfield Hills, Mich.
B.Sc.
Field of Specialization: Microbiology
- Helen Anita Clark Hazen.....Columbus
B.Sc. in H.E.
Field of Specialization: Home Economics
- Dale Bryce Henry.....Englewood, Colo.
B.S. (Colorado State University)
Field of Specialization: Zoology
- Robert Wayne Hoskins.....Moundsville, W. Va.
B.S.Sec.Ed. (West Virginia University)
Field of Specialization: Botany and Plant Pathology
- James Arize Howell.....Akron
B.A.
Field of Specialization: Anatomy
- Jane Rogers Hyatt.....Cullowhee, N. C.
B.S. (Western Carolina Teachers College)
Field of Specialization: Home Economics
- Bertha Luise Ihnat.....Fremont
B.Sc. in Soc.Wel.
Field of Specialization: Home Economics
- *Kenneth Charles Johnson.....Youngstown
Field of Specialization: Metallurgical Engineering

* Two degrees

- Lytle Dana Johnson.....Columbus
B.Met.E.
Field of Specialization: Metallurgical Engineering
- Esther Marie Jones.....Circleville
B.Sc. in Nurs.
Field of Specialization: Nursing
- Judith Stella Karski.....Lewiston, N. Y.
B.S. (State University of New York at Albany)
Field of Specialization: Mathematics
- Karl Clinton Kauffman.....Waynesville
B.S. (University of Dayton)
Field of Specialization: Chemistry
- Willis Jack Kishler.....St. Marys
B.Sc.
Field of Specialization: Botany and Plant Pathology
- Albert Jonathan Klein.....Kettering
B.Sc.
Field of Specialization: Mathematics
- Janice Kempf Kleinline.....Pandora
B.S. (Bluffton College)
Field of Specialization: Home Economics
- William Russell Klinger.....Marion, Ind.
B.S. in Ed. (Taylor University)
Field of Specialization: Mathematics
- Gary Richard Kohler.....Orrville
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Lloyd Dean Konyha.....Columbus
B.S., D.V.M. (Michigan State University)
Field of Specialization: Veterinary Preventive Medicine
- Gary Alan Kordosky.....Hastings, Minn.
B.S. (Saint John's University)
Field of Specialization: Chemistry
- Joan Neuhart Krone.....Ada
B.A. (West Liberty State College)
Field of Specialization: Mathematics
- Jerome Edward Kurent.....Independence
B.Sc.
Field of Specialization: Microbiology
- Richard Arthur Laitinen.....Jefferson
B.Sc.
Field of Specialization: Mathematics
- Lars August Laubinger.....Northfield
B.S. (Math) (Marietta College)
Field of Specialization: Mathematics
- Lester Irvan Leach.....Dayton
B.S.Ed. (University of Dayton)
Field of Specialization: Zoology
- Edwin Blair Leighton.....New Canaan, Conn.
A.B. (Earlham College)
Field of Specialization: Mathematics

- Bernard Lenehan**.....Dublin, Ireland
 B.E. (National University of Ireland)
Field of Specialization: Industrial Engineering
- Charles Stephen Locke**.....Murfreesboro, Tenn.
 B.A. (David Lipscomb College)
Field of Specialization: Mathematics
- Richard Lonchar**.....Euclid
 A.B. (Colgate University)
Field of Specialization: Computer Science
- Torrey Clark Lyons**.....Davis, Calif.
 B.S. (University of California, Davis)
Field of Specialization: Agricultural Engineering
- Gerald Edward Mahl**.....Norwalk
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Natalia Brown McAfee**.....Columbus
 B.S. in Nur.Ed. (University of Pittsburgh)
Field of Specialization: Nursing
- Donald Orin McAllister**.....Carrollton
 B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Bruce Phillip McCoy**.....Dayton
 B.Sc.
Field of Specialization: Microbiology
- Lowell Jerome McEowen**.....Massillon
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Gary Lynn McKee**.....Canton
 B.S. (Kent State University)
Field of Specialization: Mathematics
- Shirley Alice Mealey**.....Gallipolis
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Cynthia Cornell Mickel**.....Mt. Zion, Ill.
 B.A. (Millikin University)
Field of Specialization: Zoology
- Sandra Waggett Miller**.....Akron
 B.Sc. in H.E.
Field of Specialization: Home Economics
- William Butterworth Montano**.....Union City, Ind.
 B.E.E.
Field of Specialization: Electrical Engineering
- Kuk Jin Moon**.....Seoul, Korea
 B.Sc. (Yonsei University)
Field of Specialization: Physics
- Thomas Joseph Mulcahy**.....Dublin, Ireland
 B.Eng. (National University of Ireland)
Field of Specialization: Civil Engineering
- John Alexander Neff**.....Bellaire
 B.S. (Ohio Wesleyan University)
Field of Specialization: Electrical Engineering

- Barbara Feinberg Nehman.....New Brunswick, N. J.
B.A. (Douglass College, New Jersey)
Field of Specialization: Zoology and Entomology
- Robert Edward Niebuhr.....Cincinnati
B.S. Met.Eng. (University of Cincinnati)
Field of Specialization: Metallurgical Engineering
- George Worthington Norton III.....Wheeling, W. Va.
A.B. (Marietta College)
Field of Specialization: Mathematics
- Charles Allen Oprian.....Cleveland
B.S. (Case Institute of Technology)
Field of Specialization: Mathematics
- Margie Ann Place.....Toledo
B.S. (Nurs.) (Western Reserve University)
Field of Specialization: Nursing
- Jerry Lou Planchock.....Homeworth
B.Cer.E.
Field of Specialization: Ceramic Engineering
- Bruce Earl Poling.....Marysville
B.Ch.E.
Field of Specialization: Chemical Engineering
- Alcide Leon Porell.....Dayton
A.B. (Saint Michaels College)
Field of Specialization: Chemistry
- Susan Payne Porterfield.....Worthington
B.Sc.
Field of Specialization: Physiology
- Philip Dahl Predmore.....Findlay
B.Sc.
Field of Specialization: Physiology
- Stanley Virgil Prenger.....Minster
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Robert Barry Prynn.....Columbus
B.Sc. in Agr., D.V.M.
Field of Specialization: Veterinary Physiology
- Alexis Mayo Ray.....Houston, Tex.
B.A. (University of Texas)
Field of Specialization: Industrial Engineering
- George Arthur Richards.....Granville
B.E.E.
Field of Specialization: Electrical Engineering
- Nelson Andrew Riedel.....Columbus
B.E.E.
Field of Specialization: Electrical Engineering
- Walter Charles Roehrs.....Defiance
B.C.E.
Field of Specialization: Civil Engineering
- Gerald Frank Root, Jr.....Kennedy, N. Y.
B.S. (State University College, Cortland, New York)
Field of Specialization: Mathematics

- George Ellsworth Ropp.....Nova
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- John Alan Rudd.....Cedarburg, Wis.
 B.S.E.E. (Southern Methodist University)
Field of Specialization: Electrical Engineering
- James Wilbur Rupnow.....Lakewood
 B.E.E.
Field of Specialization: Electrical Engineering
- Mary Ann Rydell.....Fargo, N. Dak.
 B.A. (Concordia College)
Field of Specialization: Computer Science
- Francisco Jose Samaniego.....Los Angeles, Calif.
 B.S. (Loyola University, California)
Field of Specialization: Mathematics
- Jane Ellen Schallis.....Irvington, N. Y.
 B.S. (Chestnut Hill College, Pennsylvania)
Field of Specialization: Chemistry
- James Allan Scherocman.....Rocky River
 B.C.E.
Field of Specialization: Civil Engineering
- Linda Ann Schmotzer.....Cleveland
 B.S. (Notre Dame College)
Field of Specialization: Biochemistry
- Carl Frederick Scholz.....Ft. Wayne, Ind.
 B.S., M.S. (Purdue University)
Field of Specialization: Mathematics
- James Edward Schultz.....Shorewood, Wis.
 B.S. (University of Wisconsin)
Field of Specialization: Mathematics
- George Ludwig Seibert.....Youngsville, N. Y.
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- John William Sij, Jr.....Collinsville, Ill.
 B.S. in Edu. (Eastern Illinois University)
Field of Specialization: Botany
- Dale Lee Stansbury.....New Philadelphia
 B.S. (Muskingum College)
Field of Specialization: Agricultural Economics and Rural Sociology
- Joseph Reese Steiger.....Marysville
 B.Sc. in Agr.
Field of Specialization: Agronomy
- Richard David Stolk.....Lansing, Mich.
 B.S. (Michigan State University)
Field of Specialization: Chemical Engineering
- James Aubrey Sullivan.....St. Marys
 A.B. (Miami University)
Field of Specialization: Mathematics
- Demetrius Christos Theodorides.....Columbus
 B.E.E.
Field of Specialization: Electrical Engineering

- Mary Lou Thomas**.....Radnor
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Mason Lee Thompson**.....Lima
 B.Sc. in Edu.
Field of Specialization: Physics
- Charles Gordon Tindall, Jr.**.....Princeton, N. J.
 B.A. (College of Wooster)
Field of Specialization: Chemistry
- Daryl Andrew Travnicsek**.....Lincoln, Nebr.
 B.S. in M.E. (University of Nebraska)
Field of Specialization: Mathematics
- Edward Louis Tremba**.....Dearborn, Mich.
 B.S. (University of Michigan)
Field of Specialization: Chemistry
- Barbara Carol Troendly**.....Bowling Green
 B.Sc.
Field of Specialization: Microbiology
- *LeRoy Lynn Van Dyke**.....Dousman, Wis.
Field of Specialization: Welding Engineering
- Robert Leo Vecellio**.....Ironton
 B.C.E.
Field of Specialization: Civil Engineering
- Martin Ray Venneman**.....Chardon
 B.Sc.
Field of Specialization: Microbiology
- *Albert Allen Ware**.....Cleveland
Field of Specialization: Welding Engineering
- Paul Dean Warner**.....Pierceton, Ind.
 B.S. (Purdue University)
Field of Specialization: Agricultural Economics and Rural Sociology
- John Dougherty Watson**.....Newcomerstown
 B.Sc. in Agr.
Field of Specialization: Agronomy
- James Grant Watt**.....Waukegan, Ill.
 B.A. (Lake Forest College)
Field of Specialization: Chemistry
- William Charles Watt**.....Bellefontaine
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Mary Moore Weaver**.....Wright-Patterson AFB
 B.S. in H.Ec. (George Washington University)
Field of Specialization: Home Economics
- Donald Eugene Weber**.....Akron
 B.E.E. (University of Akron)
Field of Specialization: Electrical Engineering
- Bruce M. Weiss**.....McKeesport, Pa.
 B.S. (University of Wisconsin)
Field of Specialization: Microbiology
- *Gerhardt Grant Wittstock**.....Cleveland
Field of Specialization: Welding Engineering

* Two degrees

***John Bussey Wood.....Barberton**
Field of Specialization: Chemical Engineering

Robert Richard Wright.....Indianapolis, Ind.
B.A. (Butler University)
Field of Specialization: Astronomy

David Chi-Fong Wu.....Cincinnati
B.E.E.
Field of Specialization: Electrical Engineering

John Wesley Young III.....Raleigh, N. C.
B.S. in Met.Engr. (University of North Carolina)
Field of Specialization: Metallurgical Engineering

John Edward Zapotosky.....Linden, N. J.
B.S. (Wilmington College)
Field of Specialization: Zoology and Entomology

Gilbert Leroy Zink.....Clarington
B.Sc. in Agr.
Field of Specialization: Dairy Science

(One hundred and fifty-four candidates)

Master of Science in Public Administration

Hamlin Caldwell King, Jr.....Springfield
B.A., LL.B.
Field of Specialization: Political Science

(One candidate)

Master of Social Work

Mary Esther Ritchey.....Louisville, Ky.
A.B. (Miami University)
Field of Specialization: Social Work

(One candidate)

Candidates for Two Degrees

John Harvey Bate.....	Blanchester
Bachelor of Arts	
Bachelor of Science in Education	
Dorie Lee Bulloff.....	Columbus
Bachelor of Arts	
Bachelor of Science in Education	
Linda Sue Frey.....	Columbus
Bachelor of Arts (summa cum laude)	
Bachelor of Science in Education (summa cum laude)	
Marsha Lee Frey.....	Columbus
Bachelor of Arts (summa cum laude)	
Bachelor of Science in Education (summa cum laude)	
Thomas William Greaves.....	Cleveland
Bachelor of Electrical Engineering	
Master of Science	
Michael Francis Hogan.....	Garrettsville
Bachelor of Arts	
Bachelor of Science in Education	
Kenneth Charles Johnson.....	Youngstown
Bachelor of Metallurgical Engineering	
Master of Science	
Dianne Howard Katzenmoyer.....	Kettering
Bachelor of Arts	
Bachelor of Science in Education	
Gary Poling.....	Columbus
Bachelor of Arts	
Bachelor of Science in Education	
LeRoy Lynn VanDkye.....	Dousman, Wis.
Bachelor of Welding Engineering	
Master of Science	
Albert Allen Ware.....	Cleveland
Bachelor of Welding Engineering (cum laude)	
Master of Science	
Gerhardt Grant Wittstock.....	Cleveland
Bachelor of Welding Engineering	
Master of Science	
John Bussey Wood.....	Barberton
Bachelor of Chemical Engineering (cum laude)	
Master of Science	

(Thirteen candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

David Louis Ballenger.....	Westerville
Dennis Michael Billings.....	Euclid
Wayne Earl Burky.....	New Philadelphia
Michael Allen Burroughs.....	St. Paris
James August Corso.....	Sandusky
Douglas Lynn Dyer.....	Georgetown
Larry Allen Fairchild.....	Marion
Philip John Guss.....	Zanesville
William Carl Huck.....	Columbus
Benny Lee Hunter.....	Lancaster
Carl Christian Jooss.....	Westerville
Larry Lee Karbler.....	Vickery
Robert William Klingensmith.....	Leavittsburg
Thomas Lee Kreager.....	Newark
Dean Earnest LeBeau.....	Canton
Dale Edward Lybarger.....	Shelby
Robert Stephen Lyons.....	Perry
Nancy Arlene Malecki.....	Columbus
Albert Richard Mazzeo.....	Lyndhurst
Don Stephen McAuliffe.....	Baltimore
Warren Everett McCulloch.....	North Royalton
Robert John Meyer.....	Clyde
Phillip Eugene Miller.....	Lebanon
James Allan Neikirk.....	Bucyrus
Jan Keith Nestleroad.....	Napoleon
Kenneth David O'Diam.....	Ludlow Falls
William Roy Perry.....	Vickery
Gary Ray Rasor.....	Wadsworth
Ronald David Reed.....	Columbus
Floyd Joseph Reinhart.....	Alvada
Freeman J. Swank, Jr.....	Bellville
Ronald Eugene Tenney.....	Fredericktown
James Vincent Troxel.....	Fremont
Keith Gail Weimer.....	Smethport, Pa.

(Thirty-four candidates)

Bachelor of Science in Food Technology

Martin Robert Okos.....	Sylvania
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(One candidate)

Bachelor of Science in Nutrition

Robert Larry Wagner.....	Bucyrus
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(One candidate)

School of Home Economics

Bachelor of Science in Home Economics

Charon Barkley Bauman.....	Marion
Ann Kebker Borland.....	Delaware
Susan Eleanor Bull.....	Xenia
June Karen Cooper.....	Columbus
Rita Anne Davidson.....	Ironton
Deborah Young Edwards.....	Waterville
Constance Elaine Helser.....	Somerset
Marjory Marie Klein.....	Lucasville
Sara Karen Kreusch.....	Dayton
Carolyn Neiswander Livingston.....	Urbana
Julie Anne Long.....	Columbus
Judy Lynne McAfee.....	Columbus
Grace Anne Meteor.....	Carrollton
Linda Joy Nagy.....	Thompson
Cheryl Lynn Noie.....	Columbus
Jo-Ann O'Neill.....	Cleveland
Tena Lloyd St. Pierre.....	Columbus
Alice Karen Smith.....	Alexandria
Martha Rose Varian (cum laude).....	Columbus
Laura Anne Wieder.....	University Heights
Jennifer Hupp Workman.....	Columbus

(Twenty-one candidates)

College of Arts and Sciences

Dean: J. Osborn Fuller

Bachelor of Arts

Richard Edward Altomare.....	Columbiana
Richard Harold Ansley.....	Ridgeway
David Allen Baab.....	Wooster
John Holman Bagley.....	Dublin
David Craig Banker.....	Middletown
Wayne Allen Bare.....	Nevada
William Dale Barker (cum laude).....	Sidney
Homer Ray Baskin.....	Lancaster
*John Harvey Bate.....	Blanchester
Daniel Vaughn Berridge.....	Marion
Richard Joachim Biondo.....	Kettering
Neal Sheldon Birnbaum (cum laude).....	East Liverpool
Barbara Emily Boettcher (cum laude).....	Fairborn
Thomas Ellis Brengelman.....	Cincinnati
Stephen Joseph Brown.....	Tiffin
*Dorie Lee Bulloff.....	Columbus
Jean Ellen Butler.....	Chagrin Falls
Kathleen Antonietta Cagnina.....	Mt. Pleasant
Theodore Nelson Calvert.....	Columbus
James David Cameron.....	Westerville
Suzanne Mary Capek.....	Maple Heights
Mary Louise Cervantes.....	Cincinnati
Edward Joseph Cigolle.....	Barberton
Ronald Anthony Cimaglio.....	Painesville
Richard Henry Clary.....	Columbus
Laura Preston Cleaver.....	Milford
Dennis Allen Cohen.....	Columbus
William Charles Conrad III.....	Toledo
James John Cook.....	Norwalk
Jeffrey Robert Cowan.....	University Heights
Edward John Cruttenden.....	Rochester, N.Y.
Dennis Michael Culler.....	Lucas
Daniel Frederick Davis.....	Canton
Jane Daugherty Davis.....	Canton
Kathleen Anne Dickason.....	Vermilion
Elizabeth Jennifer Dingleline.....	Columbus
Susan Terwilliger Ellis.....	Hamburg, N.Y.
Michael Alan Ellison.....	Dayton
Dorothy Braden Epps, B.Sc.in Edu.....	Stow
Adele Walley Erlandson.....	Columbus
Harold Allen Etling.....	Marshallville
Frederick Leroy Finke (cum laude).....	Columbus
Charles Leslie Fischer.....	Rocky River
Karen Marook Flanigan.....	Steubenville
William Paul Foley.....	Youngstown
Steven Lee Foster.....	North Olmsted
*Linda Sue Frey (summa cum laude).....	Columbus
*Marsha Lee Frey (summa cum laude).....	Columbus
Karen Sopp Garnett.....	Dayton

* Two degrees

Sharon Elizabeth George.....	Columbus
Robert Martin Gerding, Jr.....	Sandusky
Carol Sue Goff.....	Mantua
Mary Jane Gray.....	Schofield Barracks, Oahu, Hawaii
William Martin Greene.....	Lyndhurst
Curtis Griffith, Jr.....	Whitehall
Thomas L. Griffith (cum laude).....	Prospect
Edward Jonathan Griffiths.....	Columbus
John Robert Haaga (cum laude).....	Troy
Marianne Jordan Harrington.....	Wauseon
Bruce Arthur Heller.....	Brooklyn, N.Y.
Edward Byron Heston.....	Akron
*Michael Francis Hogan.....	Garrettsville
William Crawford Holden.....	Columbus
Rebecca Lee Homan.....	Springfield
David Victor House.....	Euclid
Joyce Carol Howe.....	Chippewa Lake
Robert George Huddleston.....	Ada
Susan Fay Hunt.....	Grand Island, N.Y.
Patricia Sue Jacobs.....	Columbus
Allan Douglas Jones.....	Silver Lake
*Dianne Howard Katzenmoyer.....	Kettering
Virginia Lee Kearney.....	Zanesville
David Neil Klooz.....	Cleveland Heights
Allyn Leon Kohlhorst.....	St. Marys
Don Michael Krouskop.....	Lakeview
Thomas Henry Kuhner.....	Cleveland
Carolyn Morris Kurtz.....	Columbus
Donald Martin Lankford.....	Tipton, Ind.
Wellington Lewis Lash II.....	Massillon
Michelle Eichenbaum Lewis.....	Beachwood
Frederic Moore Lloyd.....	Cleveland
Michael Paul Logan.....	Columbus
Christina Kay Love.....	Zanesville
Lorin Jan Malitz.....	Shaker Heights
Bradford Burt Mandell (summa cum laude and with Distinction in Economics).....	Mattapoissett, Mass.
Linda Kotheimer Manley (cum laude).....	Bay Village
Donald James Marion.....	Youngstown
James Frederick Marsico.....	Niles
David Michael Martin.....	Worthington
Michael Stephen Mast.....	Mansfield
Stephen Allan Maxwell.....	Roseville
Michele Duane McBride.....	Uhrichsville
Karel Ann McClellan.....	Lancaster
Judy Elaine McDaniel.....	Worthington
Jerry Ralph McDonald.....	Columbus
Janet Clark McIlroy.....	Oberlin
John Frank Mentzer.....	Barberton
Barbara Ann Mokrzycki.....	Dayton
Roy Stanley Mokrzycki.....	Dayton
Robert Lee Mowls.....	North Canton
William Donald Music, Jr.....	Cincinnati
Frederick William Mussler III.....	Youngstown
Judith Aiken Nagel.....	Columbus

* Two degrees

Joseph Guy Nance.....	Columbus
Larry Ronald Negulesco.....	Cleveland
Mary Kathleen Nicholson.....	Columbus
Paul Lupe Obregon.....	Woodville
Steven Rudolph Olah.....	Cleveland
Phillip Parisi.....	Cleveland Heights
Lynn Kettler Penrod (summa cum laude).....	Piqua
John Wayne Perkins.....	Findlay
*Gary Poling.....	Columbus
Michael Paul Porterfield.....	Brecksville
Philip Martin Primmer.....	Lancaster
John William Redmond.....	Columbus
Karen Wilson Richardson.....	Parma
Lee Keith Riethmiller.....	Clarington
John Joseph Rinehart (cum laude).....	McComb
Sharon Lynn Roberts.....	Gulfport, Miss.
Eugene Blakely Robinson, Jr.....	Cincinnati
Michael Gordon Rosenbaum.....	Brookline, Mass.
Bernard Louis Rosenblum.....	Valley Stream, N.Y.
Michael Terence Rosselot.....	Oxford
Brenda Ann Rouse.....	Columbus
John Chappell Russell.....	Lakewood
James Walter Ryder.....	Lima
Arlene Helen Samuel (cum laude).....	Jefferson
Thomas Barney Schaide.....	Cleveland
Sylvia Schmerler.....	Dayton
Richard Schmidt.....	Catskill, N.Y.
Frederick Arthur Sexton.....	Columbus
Arthur Michael Shack.....	Cleveland
Franklin George Shearer.....	Columbus
Richard Allen Sherriff.....	Willoughby
Juanita Blythe Simpson.....	Cincinnati
Ira Singer.....	Brooklyn, N.Y.
Jane Paula Singer.....	Jersey City, N.J.
Joyce Dorene Slater.....	Cincinnati
Douglas Robert Smith.....	Massillon
Gordon Pfaff Smith.....	Cincinnati
Sylvia Anne Smith.....	Tipp City
Betty Jane Spall.....	Euclid
Herbert Roth Spiers.....	Columbus
Marilyn Chambers Spies.....	Youngstown
Christa Noehring Sposito.....	Mansfield
George Alexander Staley.....	Lakewood
Richard Ulen Stephens.....	Hillsboro
Richard William Stoecklein.....	Dayton
Edward Francis Sullivan.....	Norwalk
Martha George Sweterlitsch.....	Canton
Frederick William Taylor.....	Geneva
Nancy Lou Thomas, B.Sc. in Edu.....	Columbus
Mary York Tiktin.....	Lucasville
Charles Alexander Turner.....	Columbus
Melinda Anne Wagstaff.....	Binghamton, N.Y.
Ralph Emerson Waldo III.....	Columbus
Ronald Wayman Walker.....	Columbus
Nancy Ann Ward.....	Columbus

* Two degrees

Ralph Edward Weber.....	Lakewood
Barbara Ann Wedding.....	North Olmsted
Bruce Richard Weiner.....	Shaker Heights
Thomas Brian Wilchek.....	Berea
Dinah Dee Williams.....	Fremont
Margaret Rose Winkeljohn.....	Findlay
Roger Dale Winland.....	Pleasant City
Bruce Myron Wolf.....	Youngstown
Linda Marlene Yujuico.....	Huntington, N.Y.
Crystal Petty Zinkiewicz.....	East Fultonham
Janice Maria Zorman.....	Euclid

(One hundred and sixty-nine candidates)

Bachelor of Science

Gebrehiwot Admassu.....	Addis Ababa, Ethiopia
Charles Leland Bennett, Jr.....	Barnesville
Lorraine Biros.....	Cleveland
Alan Herbert Breckstein.....	Columbus
Stephen Douglas Brown.....	Columbus
Kimm Wissler Crawford.....	Columbus
Carol Ann Margaret Danko.....	Cleveland
James John Eck.....	Cleveland
Howard Ray Freeland.....	Maineville
Kenneth Leon Gortz.....	Euclid
Frederick Wayne Hall.....	Columbus
Janice Elaine Hawkins.....	East Chicago, Ind.
James Bernard Hohman, Jr.....	Xenia
Frances Ann Hoyda (cum laude and with Distinction in Chemistry)	Columbus
Edward David Huber.....	Cleveland
Barbara Ellen Hulse.....	Fredericktown
Joshua Ellis Josephson.....	Toronto, Ont. Canada
John Charles Kaufmann.....	Steubenville
Charles Daniel Kennedy.....	Charleston, W.Va.
Bruce Bryson Kern.....	Olmsted Falls
Roy Allen Kershaw.....	Massillon
Kent Richard Kluth.....	North Olmsted
Allen Richard Kraska.....	Maple Heights
Jerry Joseph Leyden.....	Akron
James Wilfred Martin.....	Blacklick
Bruce Duane McCrillis.....	Norwalk
Eugene Otis McLean.....	Columbus
Ronald Lynn Mesnick.....	Shaker Heights
DeVon Lew Meyer.....	Celina
Virginia Grace Miles.....	New Tripoli, Pa.
Charles Austin Norris.....	Smithville
Ralph Preston Paisley.....	Loudonville
Samuel Charles Palumbo, Jr.....	Columbus
Ronald Warren Peach.....	Oregon
William Charles Philbrick.....	Flint, Mich.
Timothy Lee Runion.....	Orrville
Robert Wesley Safford.....	Columbus
Ronald Emerson Saurer.....	Barberton
Gerald Joseph Schacht.....	Columbus
Virgil Thomas Tucker.....	Columbus
Galynn Dee Zitnik.....	Cleveland

(Forty-one candidates)

School of Journalism

Bachelor of Arts

Susan Ellen Brendel.....	Buffalo, N.Y.
Sharon Gertrude Byers.....	Gahanna
Victor David Chase.....	Yonkers, N.Y.
Robert Lee Gerbig.....	Columbus
David Harvey Greenfield.....	Dayton
Howard Earl Guenther.....	Cleveland
Gary Michael Henkaline.....	Strongsville
Roberta Martha Hess.....	Tiffin
Richard Marvin Kerger.....	Ashtabula
Vicki Charlene Morelock.....	Columbus
Edmund Walter Moser.....	Cleveland
Janet Sue Shepherd.....	Hamilton
Linda Claire Wheeler.....	Boston, Mass.
Robert Leslie Whitman.....	Columbus

(Fourteen candidates)

College of Biological Sciences

Dean: Ralph M. Johnson

Bachelor of Science

Janice Lynn Bartram.....	Poland
Susan Robin Bieler.....	West Orange, N.J.
Richard Lee Bomersbach.....	Shaw AFB, S.C.
George Grant Brown.....	Bryan
Peter Julian Ewald.....	Cleveland Heights
Lynn Eugene Foster.....	Venedocia
John Franklin Fox.....	Logan
Thomas John Glover.....	Sidney
William Hubert Grieshop.....	Sidney
Michael Lewis Griffith (with Distinction in Zoology).....	New Concord
Hector Erwin Guzman.....	Toledo
Henry Frederic Hansberger III.....	Columbus
James Richard Heiby (cum laude).....	Sulphur Springs
Larry Allan Hoover.....	Toledo
Robert Stephen Horbaly.....	Brecksville
Sandra Lee Hoyer.....	Livonia, Mich.
William Charles Husum.....	Toledo
Carol Ann Johnson (summa cum laude).....	Washington, D. C.
Wilfred Fredrick Keating, Jr.....	Huron
Robert Zenn Maigetter.....	Youngstown
Stanley Foster Myers.....	Beach City
Alvin Ninomoto.....	Hanalei, Kauai, Hawaii
Rebecca Mataka Olenzak.....	Massillon
Jerry Dean Paul.....	Westerville
Ray Von Pryor.....	Hamilton
David Carter Purviance.....	Westerville
Gary Everett Reister.....	Upper Montclair, N.J.
Gwyn Frederick Riddick.....	High Point, N.C.
Daryl Joel Saferstein.....	University Heights
Richard Martin Salzgeber.....	Cleveland
Bart Segall.....	Rockville Centre, N.Y.
Gilbert Arthur Victor.....	Paterson, N.J.
Terry Vernon Zenser.....	Oak Harbor
Eugene Zimet.....	Cleveland

(Thirty-four candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

Noel C. Bair.....	Fairborn
Richard Shoemaker Baker.....	Worthington
James Gordon Barrett, Jr.....	Muskegon, Mich.
Robert Leigh Bernhart, Jr.....	Flushing
Edward Alan Bigony.....	Delaware
Richard Paul Brooks.....	Cincinnati
Christopher James Brown.....	Elyria
Donald Jefferson Carrico.....	Blacklick
Joseph David Chernek, Jr.....	Springfield
Benjamin Thomas Chinni.....	Galion
Stephen Emmerick Cisar.....	Medina
William Olin Cleverley (cum laude).....	Warners, N.Y.
George Dean Colburn.....	Columbus
Ralph Rickey Copp.....	Lucasville
Harry Joseph Curran.....	Aliquippa, Pa.
Richard Earl DeBow.....	Cleveland
David Martin Dunn.....	Dover
Daniel Leonard Emerson.....	Galion
Barry Wesley Epstein.....	Lima
Howell David Evans, Jr.....	Columbus
David Francis Everard.....	Sheffield Lake
Roy Arthur Evers.....	Cincinnati
Edward Wesley Foulke.....	Columbus
Kenneth Calvin Fry.....	Bellbrook
Lynden Milford Gamble.....	Winona
Thomas Dale Gray.....	Crestline
William Thompson Groeber.....	Springfield
Patrick Otis Hand.....	Covington
Werner Paul Henderson.....	Columbus
James Leslie Herrnstein.....	Chillicothe
Douglas Allan Hill.....	Akron
Robert Edwin Hinklin.....	Marion
Gary Lee Hivnor.....	Malta
Vaughn William Hovey, Jr.....	Columbus
John Jay Jenkins.....	Tarleton
David Johnson.....	Cuyahoga Falls
James Everett Kelly.....	Columbus
James Edward Knight.....	Birmingham, Ala.
Mark Melvin Koslen.....	Cleveland Heights
Edwin Peter Kuhn.....	Rye, N.Y.
Richard Leland Long.....	Newark
Vincent Anthony Mabert.....	Garfield Heights
Timothy Frank Macklin.....	Columbus
Irving Barry Marks.....	University Heights
Robert Clark Marshall.....	Columbus
Glenn Arthur Martin.....	Columbus
Richard Woodson McCall.....	Pittsburgh, Pa.
Christy Anne McCann.....	Springfield
Michael Burke McClintic.....	Columbus
Orville Eugene McDonald.....	New Lebanon

Carl Andrew Nelson, Jr. (cum laude)	Kettering
Stephen Gabriel Nelson (summa cum laude)	Columbus
John Charles O'Connor	Columbus
Edward James Poling	Wellsville
Larry Gordon Rice	Mansfield
Harold Ray Riffe	Columbus
Karen Sue Robinson	Cleveland
James David Rolls	Montgomery
Joyce Ellen Rupert	New Waterford
Edward Joseph Russ	Grafton
Joseph Frank Satava, Jr.	South Euclid
William Thomas Scamahorn	Rayland
Sam Garrison Sharron	Dayton
Leslie Stephen Siegal	Pittsburgh, Pa.
Steven Lee Solis	Columbus
Thomas Robert Sprow	Bryan
Lennart Scott Swedberg	Columbus
Douglas Myron Swisher, Jr.	Centerville
Volker Thorey	Columbus
Kalman George Tinka III	Dayton
Stephan Kent Todd	Columbus
John Bernard Travers	Lima
Kenneth Roberts Vogt	Sewell, N.J.
Keith Lionel Volz	Cincinnati
David Henry Wagner	Lorain
William Alven Walker	Akron
Howard Dale Weiss	Beachwood
Bruce Edwin Wells	Shiloh
Lonny Roy Wesley	Cincinnati
Roland Carl Windmiller	Columbus
Allan James Wood	Payne

(Eighty-one candidates)

School of Social Work

Bachelor of Science in Social Welfare

Sharon Faye Berman	University Heights
Mary Kathleen Bidlack	Columbus
Leona Holt Blakemore	Toledo
Merle Harlene Brody	Chicago, Ill.
Ina Selma Cheloff	Youngstown
Suzanne Theresa Corbett	Cleveland Heights
Rosiland Milligan Dennis	Crooksville
Joel Robert Erenberg	New York, N.Y.
Linda Susan Evans	Columbus
Gonzalo de Jesus Garcia	Medellin, Colombia
Linda Jane Goheen	Alliance
Patricia Gail Gunnell	Urbana
Jane Hope Hammond (summa cum laude)	Cincinnati
Judith Poling Hauser	Marysville
Janet Stelle Johnpoll	Delmar, N.Y.
Leslie Rae Korsh	Minneapolis, Minn.
Gary Ronald Kushner	Cincinnati
Joan Margaret Ladeau	Findlay

Sharon Lapine.....	Shaker Heights
Katherine Ann Larson.....	Fairborn
Charles Lauricella.....	Parma
Gerald Maynerd Lott.....	St. Louis Park, Minn.
Cathy Patricia Lusson.....	Long Beach, N.Y.
Ellen Loretta McCarthy.....	Columbus
George Henry McLaurin, Jr.....	Lima
Donna Lynn Meigs.....	Troy
Claudia McCloskey Mynark.....	Columbus
Jeffrey Alan Novak.....	University Heights
Geno Joseph Persichetti.....	Columbus
Mary Warden Pupala.....	Mansfield
Rita Ball Scott.....	Lewis Center
Sarah Pennell Sherman.....	Columbus
Margaret Carol Spotts.....	Lakewood
Mary Ann Tye.....	Toronto
Sandra Leigh Vaprin.....	Mansfield
Mary Elizabeth Wilson.....	Buffalo, N.Y.
Sandra Lea Woodin.....	Dublin

(Thirty-seven candidates)

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

Leo Patrick Boston, B.Sc.....	Martins Ferry
Robert Allan Burns.....	Piqua
Lee Everett Johanson, B.Sc. in Edu.....	Kenton
Roger Howard Koslen, B.S. (Ohio University).....	Cleveland
Leland Ewen MacDonald, B.S. (Hillsdale College).....	Toledo
James Andrew Mitchell, B.S. (Muskingum College).....	Cambridge
Harold Joseph Orthmeyer, Jr., B.S. (University of Notre Dame).....	Washington, C. H.
Paul Alan Preston, B.S. (Xavier University).....	Shaker Heights
Richard Anthony Pryatel.....	Lorain
Richard Alan Reveley, B.A.....	Kent
Charles Cecil Smith, B.A.....	Tipp City
Steffen Robert Wellstein, B.S. (University of Notre Dame).....	Fostoria
Glenn Edward Willis, A.B. (Miami University).....	Hamilton

(Thirteen candidates)

College of Education

Dean: Donald P. Cottrell

Bachelor of Science in Education

Elinor Coe Adams.....	Woodstock
Elizabeth Anne Ainsworth.....	Columbus
Richard Dale Allwood.....	Lucasville
Joseph Michael Antonelli.....	Warren
James Stephan Arisman.....	Columbus
Anthony Wayne Arnold.....	Bellbrook
Paula Faye Bagby.....	Bethel
*John Harvey Bate.....	Blanchester
Evelyn Whitlock Beidel.....	Grove City
Evelyn Elaine Walker Bell.....	Cincinnati
Sandra Rose Bergmann.....	Columbus
Thomas Emmitt Berridge.....	Columbus
Diane Kay Berryman.....	Grover Hill
Diane Greenbaum Bisdorf.....	Marion
David James Blakley.....	Mansfield
Carol Brown Blaney.....	Morristown
Shirley Ann Boes.....	Tiffin
Edward William Bohlander, Jr.....	Cincinnati
William Eugene Booher.....	Newark
Penny Lou Boyle.....	Chesterland
Jean Ellen Brenneman.....	Springfield
Barbara Ann Brollier.....	Mansfield
Linda Sue Brooks.....	Urbana
Richard Allen Brown.....	Louisville
Shirley Miller Brown.....	Racine
Margaret Kennedy Buchanan.....	Mendon
Sandra Lynne Buchsbaum.....	Columbus
*Dorie Lee Bulloff.....	Columbus
Roswitha Oelsner Burkey.....	Euclid
Judith Ann Burkovics.....	Cleveland
Carnetta Jean Burroughs.....	Columbus
Forest Duane Butler.....	Jefferson
Edmund Charles Byers.....	Lewisville
Neva Jacqueline Capparell.....	Windham
Bonnie Jean Carlisle.....	Worthington
David Lee Caygill.....	Cambridge
Judy Bayer Chrzan.....	Mt. Gilead
Gail Lawson Clarkson.....	Columbus
Sheila Barry Coffman.....	Columbus
Darcie Lynn Cohen.....	Shaker Heights
Karen Fran Comora.....	Elberon, N.J.
Myra Ann Conley.....	Columbus
John Herbert Cooley.....	Richwood
Paul Steven Cosner.....	Columbus
Anne Logan Cotton.....	Mt. Gilead
Frank Clark Cozze.....	Columbus
Rita Paige Craft.....	Columbus
Frances Wherry Cress.....	Cincinnati
James Robert Cromwell, B.A.....	Columbus

*Two degrees

Connie Ruth Crook.....	Ostrander
Paul Walter Crumrine, Jr.....	Lima
Bonnee Henry Cullinan.....	Freeport
Gary William Davis.....	Sarahsville
James Rudolph Davis.....	Payne
Milton Lewis Deemer.....	Mentor
Carolyn Anne DeVito.....	Newark
Felicia Ladd Dixon, B.A.....	Middlefield
Sarah Virginia Dodd.....	Columbus
Carol Lynn Doeck.....	Brooklyn, N.Y.
Larry Lee Doll.....	Lucasville
Mary Linda Downey.....	Dayton
Ruth Miller Doyle.....	Morrisville, Pa.
Sandra Nelson Dressel.....	Columbus
Clayton Arthur Dusek.....	Bay Village
Patricia Diane Duty.....	Portsmouth
Wendy Marcia Dworkin.....	Columbus
Beverly Patricia Dye.....	Dayton
Dennis Broderick Ehrie, Jr.....	London
Mary Becker Estep.....	Wadsworth
Nondas Griffith Faber.....	North Baltimore
Lawrence S. Falter.....	Huron
Thomas Martin Farbizo.....	New Philadelphia
Roger Curtis Faust.....	Solon
Joseph William Feth.....	Salineville
Joan Carol Fink.....	Shaker Heights
Edward Richard Fitzsimmons.....	Steubenville
Maureen Ann Flanagan.....	Columbus
Anita Binkert Flanigan (cum laude).....	Dayton
Belinda Gullett Fluty.....	Portsmouth
Sharon Applebaum Frankel.....	Toledo
Donna Lee Franks.....	Dayton
*Linda Sue Frey (summa cum laude).....	Columbus
*Marsha Lee Frey (summa cum laude).....	Columbus
Dale Eugene Fullerton.....	Wooster
Karen Black Gaw, B.A.....	Worthington
Marilyn Anne Gersman.....	Parkersburg, W. Va.
Andrea Gean Gilmore.....	Gallipolis
Geraldine Dorothy Glazer.....	Bloomfield Hills, Mich.
Judith Glicksberg (summa cum laude).....	Shaker Heights
Ronald Jaye Golden.....	Columbus
Judith Warenoff Greene.....	Buffalo, N.Y.
Terry Ann Greenstein.....	Beachwood
Marian Sue Griffith.....	Columbus
Shirley Saunders Griggs.....	Mt. Vernon
Claudia Kay Grossman.....	Zanesville
Philip Gary Grossman.....	Columbus
Brenda Suzanne Grotts (cum laude).....	Creve Couer, Mo.
Raymond Robert Hammack.....	Columbus
Richard Terry Hammons.....	Columbus
Sue Ann Hanson.....	Canal Winchester
Marilynne Deckerd Harmatz.....	Canton
Clyde Eugene Harrison.....	Columbus
Carolyn Frances Hatfield.....	Columbus
Sallie Bonita Hayes.....	Huntsville
Thomas Carl Hayward.....	Tiffin

*Two degrees

Cheryl Lee Hehr.....	Euclid
Cynthia Bledsoe Heine.....	Hartville
Lynda Louise Hicks.....	Fairborn
Cynthia Jean Higgins.....	Cleveland
Kathleen Marie Hogan.....	Columbus
*Michael Francis Hogan.....	Garrettsville
Christian Dale Hogg.....	Lyndhurst
Judith Alene Hogue.....	Worthington
Elizabeth Jean Honigford.....	Cloverdale
Margaret Neal Hooe.....	Columbus
Marilyn Kline Hoppman.....	Columbus
Malinda Joyce Horn.....	Worthington
John Patrick Howard.....	S. Charleston, W. Va.
Vicki Jane Howe.....	Columbus
Donald Edward Hower.....	Annville, Pa.
Charlene Gibson Howison.....	Delaware
Linda Lee Howland.....	Portsmouth
Christina Mabry Hudson.....	Canton
Elaine Marie Hutzelman.....	Circleville
Saundra Rhodes Jacob.....	Columbus
Rose Lynn Jarrell.....	Jackson
Nancy Gaskill Jewell.....	Columbus
Martin George Johnston.....	Cleveland
Cheryl Spencer Jordan.....	Laurelville
Nora Short Jordan.....	Columbus
Kathleen Ann Kagy.....	Tiffin
Magdalene Kaniaris.....	Lorain
Arlene Reva Katz.....	Cleveland Heights
*Dianne Howard Katzenmoyer.....	Kettering
Patricia Peeling Kavage.....	Columbus
Philip Vaughn Kegg.....	Loudonville
Martha Jeanne Keller.....	Toledo
Patricia Ann Kelley.....	Columbus
Sara Weaver Kenney.....	Mt. Vernon
Robert Harvey Kershaw.....	Massillon
Lois Florence Kessler.....	Woodbine, N.J.
Terry Franklin King.....	Roseville
Charman Ann Kinzelman.....	Columbus
Linda Kay Korsgaard (summa cum laude).....	Bay Village
Larry William Kraus.....	Medina
Thomas William Kreuzmann.....	Cincinnati
Carolyn Landers.....	Columbus
Thomas Keith Lang.....	Wintersville
Marilynn Lawrie.....	Norwalk
Sara-Jo Annette LeFevre.....	Maumee
Janice Ann LeValley.....	Dayton
Adele Levine.....	Akron
Miriam Betty Lindeck.....	Columbus
Margaret Spratt Little.....	Columbus
Diana Louise Lowry.....	Warren
Judy Louise Maddox.....	Marion
Elizabeth Britt Marlora.....	Westerville
Lois Jean Martin.....	Willowick
Susan Jane Mason.....	Hubbard
Sandra Elaine Maupin.....	Columbus

* Two degrees

Barbara Jean McCoy.....	Van Wert
James Edward McElmurray.....	Columbus
Sandra Lee McGinnis.....	Newark
Joyce Cotterman McGuire.....	West Liberty
William David Meyer.....	Cleveland
Barbara Miller.....	Cleveland
Freeman J. Miller.....	Plain City
Naomi Peachey Miller.....	Irwin
Dolores Ann Milligan.....	Shelby
Mary Jane Mills.....	Columbus
Judith Janosik Moore.....	Elyria
Paul Norton Moore.....	Orient
Paul Richard Morehart	Mt. Sterling
Janice Kay Newell.....	Lima
Carol Lynette Noecker.....	Ashville
Sandra Guthrie Nusbaum.....	Columbus
Roberta Kathleen O'Friel.....	Middletown
Joe Lynn Oliver.....	Columbus
Teri Duane Osborne.....	Orrville
Jolie Jan Pariser.....	Scarsdale, N.Y.
Ada Davis Pearlstein.....	Youngstown
Jeffrey Michael Pearson.....	Columbus
John Bateman Pecsok.....	Whitehouse
Loren James Peterson.....	Memphis, N.Y.
Goldie Woodyard Plank.....	Columbus
James Edward Plessinger (summa cum laude).....	Dayton
Rita Barbara Pokol.....	Lorain
*Gary Poling.....	Columbus
Marilyn King Pope.....	Dayton
Juliana Charci Powers.....	Bay Village
Cynthia Swaby Ropp.....	South Charleston
Ann Myra Rudoy.....	Evanston, Ill.
Anne Swoger Runion.....	Canal Fulton
Thomas Lowrey Rybolt.....	Chillicothe
Eugene Franklin Saad.....	Tiffin
David Bradley Schafer, B.Sc.....	Newark
Suzanne Hoops Schmid.....	Newark
Karen Sue Schockey.....	Bellaire
Jeannette Ann Schultz.....	Wapakoneta
Daniel Dean Scott.....	Walhonding
Karen Neff Seckel.....	Caledonia
Constance Lee Seibert.....	Coshocton
Shirley Ann Seiter.....	New Bloomington
Kathleen Marie Shea.....	Columbus
David Floyd Shearer.....	Toledo
June Love Shepherd.....	Gahanna
Larry Clinton Sherer.....	Bucyrus
Mary Elizabeth Silcox.....	Norwalk
Sally Miller Sines.....	Groveport
Elizabeth Zachman Slack.....	Marion
Carmen Goldstaub Slominski.....	Lakewood
Nancy Binning Smith.....	Columbus
Roxanne Kathleen Smith.....	Willard
Thomas Albert Smith, Jr.....	Georgetown
Carole Adrienne Smoler.....	Columbus
Leslie Ridenour Snyder.....	Dayton

* Two degrees

Anita Louise Spencer.....	Huntsville
Patricia Ann Stanceu.....	North Canton
Cheryl Diane Stiefel.....	Bucyrus
Paula Rinehart Strayer, B.Sc. in Nurs.....	Fostoria
Robert Louis Strayer, B. Sc. in Agr.....	Sidney
Dana Lynn Stutzman.....	Smithville
Karen Ruth Summer.....	Chicago, Ill.
Sandra Diane Sykes.....	Lima
Phyllis Ellifritt Taylor.....	Columbus
Amber Michelle Terry.....	London
Barbara McBride Traver.....	Chillicothe
Cheryl Lee Troy.....	Toledo
Michael Dennis Truka.....	Marion
Susan Storts Tuller.....	Columbus
Emily Uncapher.....	Sidney
Rebecca Niuman Unverferth.....	New Philadelphia
William Gary Vanderson.....	Columbus
Pamela Gruden Venneman.....	Chardon
Connie Clark Voss.....	Alexandria
Odell Blake Walters.....	Columbus
Robert Hartman Wander, A.B. (John Carroll University).....	Columbus
Carolyn Ann Watters.....	Columbus
Alfred Mark Webber.....	Cleveland
Jane Weil.....	Youngstown
Frances Jean Weinberg.....	Akron
Alberta Kathryn Weingart, B.S. in Nurs. (Loyola University).....	Dayton
Sheryl Diane Weisberg.....	Toledo
Sharyn Perelman Weiss.....	University Heights
Wesley Ogle Welling.....	Tiffin
Lucetta Joyce Wetterhahn.....	Columbus
Judith Jay Wheeler.....	Dayton
Josephine Butts White.....	Columbus
Deborah Katharine Whitson.....	London
Stephen Eugene Williams.....	Columbus
Pamela Mulbarger Workman.....	Columbus
Cynthia M. Wright.....	Marion
Paul Joseph Wright.....	Marion
Barbara Nell Wrigley.....	Columbus
Rosemary Catherine Wrobel.....	Barberton
Judith Elaine Young.....	Chillicothe
Robert Dale Zeller (cum laude).....	McComb
Carole Gay Zibert.....	Port Clinton
Joanne Lorraine Zinser.....	London
Juanita Myers Zuck.....	Columbus

(Two hundred and sixty candidates)

Bachelor of Fine Arts

Elizabeth Cecile Baird.....	Hilliard
Carol Suzanne Brush.....	Columbus
Kathleen Eades.....	London
Barbara Jane Ehrlich.....	Perth Amboy, N.J.
Barbara Mary Feldhake.....	Coldwater
Suzanne Godfrey.....	Kent
Jack Russell Haller.....	Columbus
William Horner Hamilton III.....	Columbus
Judith Louise Hopkins.....	Mentor

Judith Lucado Judd.....	Columbus
Ruth Newell Kersteter.....	Columbus
Stephen John Kravec.....	Youngstown
Dennis Lee Lowe.....	Miami Beach, Fla.
Van Michael Oxley.....	Newark
Gayle Kranz Philleo.....	Bay Village
Robert Kay Pickering.....	Newark
Karen Sue Poling.....	Logan
Marsha Lee Shultz.....	Dayton
Philip Sheridan Sweeterman	Dayton
Susan Jo Willis.....	Columbus
Cynthia Jeanne Wolf.....	Springfield

(Twenty-one candidates)

Bachelor of Music

Elizabeth Stanley Grobsmith.....	Shaker Heights
Jan Thomas Lust.....	Columbus

(Two candidates)

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

David Eugene Arthur.....Springfield
John Charles Brenan.....Lakewood
Ronald Gordon Burnett.....Cincinnati
John Paul Cress.....Cincinnati
Edward Kenneth Fader.....Ashtabula
Thomas David Hargreaves.....Alexandria, Va.
Ronald Earl Heise.....Columbus

(Seven candidates)

Bachelor of Agricultural Engineering

Edwin Lee Whisler.....Laurelville

(One candidate)

Bachelor of Ceramic Engineering

Robert Paul Johnston, Jr.....Cambridge
Alfred Hugh McKinney.....Cleveland

(Two candidates)

Bachelor of Chemical Engineering

Wilma Ann Marie Diskant.....Cleveland
John Leitwein Guy.....Columbus
Robert Ray Richards.....Worthington
Lawrence Cloyd Wagner.....Akron
*John Bussey Wood (cum laude).....Barberton

(Five candidates)

Bachelor of Civil Engineering

Jack Edward Callender, Jr. (cum laude).....Galion
Richard Bradley Funk.....Waynesburg, Pa.
Jeffrey Alan Myers (summa cum laude).....Columbus
Norman Baker Teaford.....Palestine

(Four candidates)

Bachelor of Electrical Engineering

Duane Glen Fox.....Ashland
*Thomas William Greaves.....Cleveland
Douglas Dwight McCann.....Nashport
David Bruce Morgan.....Canton
Lawrence Alan Zurcher.....North Canton

(Five candidates)

*Two degrees

Bachelor of Industrial Engineering

Thomas Reed Bailey.....	Mansfield
Richard Lee Baughman.....	Columbus
Donald Marion Earhart.....	Columbus
William David Evans.....	Columbus
George Walter Popel.....	Cleveland
Ronald Werner Rudolph.....	Columbus

(Six candidates)

Bachelor of Mechanical Engineering

John Morgan Farris, Jr.....	Cincinnati
Philip Sheets Musser.....	Columbus
Donald Richard Rhodehamel.....	Cleveland
Thomas Vinton Snider.....	Columbus
Michael Paul Thompson (summa cum laude).....	Orient
Craig Allen Wolf.....	Wadsworth

(Six candidates)

Bachelor of Metallurgical Engineering

*Kenneth Charles Johnson.....	Youngstown
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(One candidate)

Bachelor of Welding Engineering

John Duane Ewald.....	Monclova
*LeRoy Lynn VanDyke.....	Dousman, Wis.
*Albert Allen Ware (cum laude).....	Cleveland
*Gerhardt Grant Wittstock.....	Cleveland

(Four candidates)

School of Architecture

Bachelor of Architecture

David Neil Bowman	Fostoria
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(One candidate)

* Two degrees

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

Donald Bruce Campbell, B.A. (Ohio Wesleyan University).....Mansfield
Vincent Dovico, B.Sc.....Cleveland
Oliver Herschel Drabkin, B.Sc.....Youngstown
Peter Klaus Hacker, B.Sc.....East Liverpool

(Four candidates)

School of Allied Medical Services

Bachelor of Science in Medical Technology

Carole Sue Amweg.....Kenton
Joyce Mallery Fetzek.....Salem
Jean Elizabeth Gossman.....Dayton
Patricia Ann Groleau (cum laude).....Columbus
Mary Louise Heichel.....Loudonville
Melvin Harvey Lawrence.....University Heights
Diane Jean Parlette.....Martin
Karen Sue Pever.....Wharton
Paula Jane Reeme.....Toledo
Earlene Mace Rhodes.....Spencerville
Mary Catherine Schanz.....Richmond
Gretchen Skeaton Smith.....Fremont
Susan Carol Spoerl.....Perrysburg
Shirley Jean Walker.....New Philadelphia

(Fourteen candidates)

Certificate of Graduate Medical Technologist

Thomas Arthur Johnson, B.Sc.....Madison

(One candidate)

Certificate of Nurse Anesthetist

Judith Gall Beck.....Dayton
Sarah Lucinda Byer.....Quincy
Carol Ann Byrley.....Pearisburg, Va.
Shirley Ann Chromik.....Albion, Pa.

(Four candidates)

Bachelor of Science in Occupational Therapy

Loretta M. Hoerth.....Kenilworth, N.J.
Nancy Karen O'Shanick.....Akron
Betty Schwartz.....Shaker Heights
Ronald Lee Tupps.....Bucyrus

(Four candidates)

Bachelor of Science in Physical Therapy

Joseph Jay Tod.....Hubbard

(One candidate)

Certificate of Graduate Physical Therapist

Roger Kent Alford, B.S. (West Virginia University).....Wintersville
David Sheldon Duerler, B.S. (Ball State University, Indiana)....Columbus
William Charles Eick, B.Sc. in Edu.....Brewster
Susan Erossy Esper, B.Sc.....Lakewood
Melvin Leroy Harvey, B.S. (University of Southern Mississippi)

Knoxville, Ia.

Mary Herron, A.B. (University of Cincinnati).....Cincinnati
William Elwood Kyle, B.A. (Washington and Jefferson College)

St. Clairsville

Brent Homer Russell, B.A. (Montana State University)..Missoula, Mont.
Richard Morris Tibbles, B.S. (University of Oregon).....Salem, Ore.
Christine Ann Wiley, B.S. (Ohio University).....Wadsworth

(Ten candidates)

School of Nursing

Bachelor of Science in Nursing

Phyllis Noon Alder.....Parma Heights
Pamela An Ames.....Elmore
Barbara Baker.....Cleveland
Janet Ann Black.....Dover
Charlotte Ann Bucklew.....Warsaw
Mary Ellen Cassidy.....Worthington
Helen Elizabeth Duffy.....Columbus
Sara Ellen Eisenhooth.....Wilkes Barre, Pa.
Gloria Valentina Ferkenhoff.....Batesville, Ind.
Cathie Jean Ford.....Columbus
Judy Anne Grasslin.....Lakewood
Sandra Lee Hamper.....Parma
Karen DuBois Heusel (cum laude).....Bethesda
Thelma Irwin Holmes.....Columbus
Barbara Jeanne Lewis.....Palos Park, Ill.
Nancy Ellen Manges.....Lima
Barbara Louise Martin.....Barberton
Elizabeth Ann May (summa cum laude).....Mansfield
Camille Louise McComb.....Chillicothe
Mary Louise Norris (cum laude).....North Vernon, Ind.
Carolyn Jean Oiler.....Sylvania
Kathy Jane Petersen.....Sandusky
Barbara Pillar.....Fairport Harbor
Jeanne Marie Santomieri.....Botkins
Shirley Faye Smith.....Reynoldsburg
Phyllis Jean Turner.....Toledo
Jerilyn Kay Whitaker.....London
Carol Anita Yoder.....Wauseon

(Twenty-eight candidates)

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-THIRD MEETING
OF THE BOARD OF TRUSTEES

Wooster, Ohio, September 14, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, September 14, 1967, at the Ohio Agricultural Research and Development Center, Wooster, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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September 14, 1967 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Supplemental Action on the Budgets for the 1967-68 Fiscal Year

At the June 8, 1967, meeting of this Board of Trustees, budgets in the amount of \$130,780,576 were approved, subject to the passage of House Bill 537. In this action the Board recognized that revenue in the amount of \$136,917,720 would be required to guarantee a continuation of our present programs. The Board recognized further that \$6,137,144 would need to be funded through additional legislative actions in the form of a supplemental appropriation or by such adjustments in student fees and programs as might be required.

Since that original action was taken, the General Assembly passed House Bill 537 and Amended Senate Bill 350 known as the Supplemental Appropriation Act. To bring the budget for the 1967-68 fiscal year into balance at a continuation level requires additional revenue beyond the amount provided in House Bill 537 in the amount of \$6,137,144. Our studies lead us to conclude that the funds required to bring us into balance can be provided best as follows:

- | | | |
|----|---|-------------|
| 1. | From Amended Senate Bill 350 | \$2,687,000 |
| 2. | (a) From an amount allocated to the Board of Regents in support of research and to be allocated by the Board of Regents to Ohio State | 1,400,000 |
| | (b) From same source after January 1, 1968 | 100,000 |
| 3. | From an amount allocated to the Board of Regents and to be transferred to Ohio State for Regents' Professorships | 250,000 |
| 4. | From a fee increase of \$15.00 per quarter for Ohio resident students and \$29.00 per quarter for out-of-state (nonresident) students, effective Winter Quarter, 1968 | 850,000 |
| 5. | From a combination of a \$15.00 resident-fee increase per quarter at University Branches and Academic Center and a subsidy at the Marion Branch of \$350.00 per FTE | 439,000 |
| 6. | From a \$1,000,000 sum budgeted in the first year of the biennium to cover built-in increases in costs for the second year of the biennium to be reduced | 411,144 |

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Supplemental Action on the Budgets for the 1967-68 Fiscal Year (continued)

SUMMARY

Deficit Position	\$6,137,144
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Offset by:

Amended S. B. 350	\$2,687,000
Regents' Research	1,500,000
Regents' Professors	250,000
Fee Increase	850,000
Branch Increase	439,000
Reduction to Carry Forward	<u>411,144</u>
	\$6,137,144

Fee increases for four quarters should produce in the 1968-69 academic year \$1,510,000 and the carry forward from 1967-68 should be about \$588,846 to meet an anticipated deficit for 1968-69 of \$2,096,400.

President Fawcett made the following recommendations:

1. That, effective Winter Quarter, 1968, the instructional and general fee for The Ohio State University be increased \$15.00 per quarter.
2. That, effective Winter Quarter, 1968, the tuition fee (out-of-state student surcharge) be increased \$14.00 per quarter.
3. That, in addition to the above-proposed fee increase, effective Winter Quarter, 1968, the instructional and general fee for students enrolled in the Doctor of Medicine program in the College of Medicine be increased in the amount of \$60.00 annually to reflect the rising costs of special laboratory equipment and supplies.

These recommended fee increases are interpreted in the attached New Schedule of Student Fees, effective Winter Quarter, 1968. (See Appendix II, page 267.)

Mr. France moved that the foregoing recommendations be approved and that a "Continuation Budget" in the amount of \$136,917,720 for fiscal year 1967-68 be adopted, subject to the approval of the Ohio Board of Regents.

Mr. Safford seconded the above motion, and it was passed unanimously by roll call vote.

Mr. Shocknessy commented to the effect that a member of The Ohio State University faculty contributed significantly to the development of support for the Supplemental Appropriation Act passed by the General Assembly; and President Fawcett responded with the statement, "Yes, Dr. John C. Ullery, Professor and Chairman of the Department of Obstetrics and Gynecology, served as Chairman of the State-Supported Education Review Committee."

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff

The Retirement and Insurance Committee of the Board of Trustees has consulted with the members of the University administration in a further effort to improve the benefits in the employee group insurance coverages with no additional out-of-pocket cost to either the University or the faculty, administrative staff, or classified and hourly employees. As the result of these deliberations and counsel with the insurance consultants to the Board, Carlin-Black Company, and with the full agreement of the insurance carrier, President Fawcett recommended that the following resolutions be adopted:

BE IT RESOLVED THEREFORE, by the Board of Trustees of The Ohio State University, that the following improvements in the University's insurance program under the John Hancock Mutual Life Insurance Company Contract No. 1035-G and No. 58175-GTC as amended, for faculty and staff be enacted, effective September 1, 1967, except that Section 1(c) be made retroactive to July 1, 1967:

1. Unclassified Employees

- a) Group Life Insurance Program - the amounts of life insurance for active unclassified employees be increased from 2 times salary to 2-1/2 times salary. All other elements of the schedule to remain unchanged so that the new life schedule would be as follows:

2-1/2 times regular annual salary with a minimum of \$7,500.00, reduced 3% at age 55 and by an additional 3% each year thereafter subject to a maximum reduction of \$13,500.00.

Life insurance and accidental death and dismemberment insurance to be continued during retirement years to age 70 on a basis of an amount equal to 2 times salary for both present and future retirees, subject to appropriate deductions as in the current life insurance schedule.

- b) Accidental Death and Dismemberment Insurance - the amount of accidental death and dismemberment insurance to be equal to the amount of life insurance by increasing the accidental death and dismemberment schedule for active unclassified employees from 2 to 2-1/2 times salary. All other elements of the accidental death and dismemberment schedule to remain unchanged so that the new schedule would be identical to the new life schedule.
- c) Major Medical Insurance - the maximum coverage for hospital private room and board charges shall be changed from \$25.00 per day to the hospital's average semi-private room and board rate plus \$3.00.

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

- (1) The period of disability shall be increased from 2 years to 3 years requiring a period of 3 years to elapse rather than 2 years currently after the deductible is first satisfied before a new deductible charge would be applicable.
- d) Under the major medical coverage, an automatic \$1,000.00 annual reinstatement revision to be adopted which would gradually restore the \$15,000.00 maximum major benefit but not over \$15,000.00.
- e) Extend major medical coverage, after satisfaction of the normal deduction provision, to dependent, newborn children, immediately from birth, including coverage for nursery services and circumcision.

2. Classified and Hourly Employees

- a) Group Life Insurance - the following benefit improvements in the classified and hourly employees life insurance schedule to be enacted as follows:

Classification	<u>Amount of Life Insurance</u>	
	<u>Present</u> Schedule	<u>Suggested</u> Schedule
Under age 40	\$5,000	\$8,000
Age 40 to 50	3,800	8,000
Age 50 to 55	2,500	8,000
Age 55 to 60	2,500	4,000
Age 60 to 65	1,300	4,000
Age over 65	1,000	2,000

- b) Accidental Death and Dismemberment Insurance - the amount of accidental death and dismemberment insurance to be exactly equal to the amount of life insurance.
- c) Major Medical Insurance - major medical benefit improvements for classified and hourly employees to be identical to the suggested major medical improvements for unclassified employees.

BE IT FURTHER RESOLVED, by the Board of Trustees of The Ohio State University that the following amendments to the above-referred to contracts of the University's insurance plan be enacted for the purpose of clarification:

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

1. That the "actively at work" provision contained in Amendment No. 23 to said Policy shall not be applicable to retired employees.
2. That the first sentence in Part V of Amendment No. 25, which cancels the Schedules of Insurance contained in Amendments Nos. 16 and 17, is modified to the extent that such cancellation of Schedules shall not be applicable to those employees who retired prior to July 1, 1965. Accordingly, the Schedule of Insurance described as Schedule II in Amendment No. 17, as further modified by Amendment No. 23, shall remain in effect as a basis for the amounts of insurance available to those employees on the Unclassified Payroll who retired prior to July 1, 1965.
3. The following is added to Part IV - INSURANCE AFTER RETIREMENT - contained in Amendment No. 25 to said Policy:

The amount of Life Insurance applicable to an eligible unclassified employee at the time of his retirement shall be the same amount for which he was insured under the Policy immediately preceding the date of such retirement, with successive annual reductions for retirees prior to July 1, 1965 as specified in Schedule II contained in Amendment No. 17 to said Policy; and for retirees on and after July 1, 1965 as specified in Schedule I contained in Amendment No. 25 to said Policy.

4. The monthly premium rates per \$1,000 of Life Insurance currently applicable under said Policy for those employees described as "Unclassified" shall be further reduced 10%, effective October 1, 1966.
5. That effective as of April 1, 1967, the provision entitled "Waiver of Premium in the Event of Permanent and Total Disability" contained in Amendment No. 25 to said Policy is hereby amended to provide that wherever in subdivision (d) the phrase which reads

(d) the employee furnishes the Company at its Home Office, after nine months following the date the employee ceased active work but within twelve months following the date of termination of his employment, . . .

appears, such phrase is changed to read

(d) the employee furnishes the Company at its Home Office, after nine months following the date the employee ceased active work, or as of the date, if earlier, on which he filed a claim for disability with the State Teachers or Public Employees Retirement Systems, but within twelve months following the date of termination of his employment, . . .

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

6. That effective as of October 1, 1966 said Policy is hereby amended to provide that the provision entitled "Conversion Privilege" contained in page 2 to said Policy is cancelled and annulled and the following provision substituted therefor:

CONVERSION PRIVILEGE.

- a) Any employee, upon written application made to the Company within thirty-one days after the earlier of the following dates:
- (1) the date of termination of his employment, as hereinbefore defined, for any reason whatsoever; or
 - (2) the date of termination of his membership in the class or classes of employees insured hereunder, or
 - (3) within thirty-one days after the date of cessation of his rights under the provision entitled "Waiver of Premium Benefit in the Event of Permanent and Total Disability"; or
 - (4) within the period following cessation of insurance as stated in the provision entitled "Extension of Death Benefits in Event of Total Disability" during which period death would have resulted in a valid claim under this Policy.

shall be entitled to have issued to him by the Company, without evidence of insurability, an individual policy of life insurance subject to the following conditions and provisions:

- (1) such individual policy shall be in any one of the forms then customarily issued by the Company, except term insurance;
- (2) the premium for such individual policy shall be the premium applicable to the class of risk to which the employee belongs and to the form and amount of the policy at the employee's attained age (nearest birthday) at the date of issue of such individual policy;

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

- (3) the amount of such individual policy shall be equal to (or at the option of the employee, less than) the amount of the employee's Life Insurance hereunder which was discontinued on whichever of the dates specified in the preceding paragraphs (1), (2), (3), and (4) is applicable;
- (4) the first premium payment on such individual policy of life insurance so issued shall be made to the Company within the applicable period specified supra during which application for such individual policy may be made.

b) Any employee, upon

- (1) termination of the Life Insurance of the class of employees of which he is a member, or
- (2) termination of the Life Insurance under this Policy, or
- (3) termination of this policy by either the Employer or the Company,

shall be entitled to the rights and benefits set forth in subdivision A of this provision, in accordance with its terms and conditions, provided his Life Insurance has been continuously in force for at least five years immediately preceding such termination; except that the amount of such individual policy shall not exceed the lesser of

- (1) the amount of such employee's Life Insurance under this Policy at the date of such termination, less any amount of life insurance for which he may be or may become eligible under any Group Policy issued by the Company or by any other insurer within thirty-one days after such termination, and
 - (2) \$2,000.
- c) Insurance under any individual policy issued in accordance with this provision shall become effective at the end of the applicable period during which application for such individual policy may be made.

September 14, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Insurance Program for Faculty and Staff (continued)

7. Said Policy is amended by the addition of the following provision:

EXTENSION OF DEATH BENEFIT DURING CONVERSION PERIOD.

In the event of the death of the employee during any aforescribed thirty-one-day period, the Company shall pay to the beneficiary as a death benefit the maximum amount of Life Insurance for which an individual policy could have been issued under this provision whether or not the employee shall have made written application for conversion.

8. The provision entitled "Waiver of Premium Benefit in the Event of Permanent and Total Disability" contained in subdivision (1), Part III, Amendment No. 25 to said Policy is amended by the addition of the following subdivision.

- (g) no death benefit is payable within thirty-one days following the date of termination of employment, or the date of termination of the Life Insurance under this Policy, or the date of termination of this Policy as provided in the provision entitled "Conversion Privilege".

Except as stated in the above amendments, nothing contained herein shall be held to alter or affect any of the provisions of said Policy including any prior amendments.

AND BE IT FURTHER RESOLVED, by the Board of Trustees of The Ohio State University that the following changes in the above-referred-to University's group insurance contracts be enacted and be made effective October 1, 1966, (the last anniversary date of the contract):

1. That separate group insurance contracts be issued by the carrier to insure classified and hourly employees. The new contracts will provide classified and hourly employees with the same benefits as under the existing group insurance contracts, (No. 1035-G and No. 58175-GTC) as amended.
2. The in-force group insurance contracts covering various classifications of University employees be amended to exclude classified and hourly employees from coverage thereunder.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above resolutions were adopted by unanimous roll call vote.

September 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the July 13, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Change in Administrative Responsibilities, Promotion, Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Administrative Responsibilities

Robert A. Oetjen, Associate Dean of the College of Arts and Sciences, appointed Acting Dean of the College of Arts and Sciences, effective October 1, 1967 through December 31, 1967, at a salary of \$6,693.00 for this period.

B. Promotion

William Edward Hurley promoted to Assistant Dean for Continuing Education in the College of Commerce and Administration, effective October 1, 1967, at a salary of \$22,668.00 per annum. He will continue as a Professor in the Division of Continuing Education in the College of Commerce and Administration and Director of the Defense Management Center.

C. Appointments

Jack Erskine Douglas, Professor, Department of Speech, effective September 27, 1967, at a salary of \$16,068.00 per annum.

William Peterson, Professor (Robert Lazarus Professorship of Population Studies), Department of Sociology, effective September 27, 1967, at a salary of \$25,068.00 per annum.

Ralph Emerson Lynn, Jr., Associate Professor (ALCOA Professorship in Chemical Engineering), Department of Chemical Engineering, effective September 27, 1967, at a salary of \$17,868.00 per annum.

D. Leaves of Absence Without Salary

Henry J. Barre, Professor (part time - 70%), Department of Agricultural Engineering, effective September 1, 1967 through November 30, 1967, to serve as a member of the Agricultural Engineering Ford Foundation Project in Punjab, India.

September 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Lewis C. Branscomb, Professor and Director of Libraries, effective September 13, 1967 through September 30, 1967, to serve as a consultant at Punjab University in India.

Ruth E. Deacon, Professor (part time - 27%), School of Home Economics, effective September 1, 1967 through February 29, 1968, to conduct an independent study in her field.

Jerome Joseph Hausman, Professor and Director, School of Art, effective July 17, 1967 through August 20, 1967, to serve on the staff of the Arts and Humanities Institute, National Gallery of Art, Washington, D. C.

Salomon Rettig, Professor (part time - 75%), Department of Psychiatry, effective September 1, 1967 through May 31, 1968, to be a Visiting Professor at Hunter College of the City University of New York.

Lewis C. Saboe, Professor (Extension Agronomist), Cooperative Extension Service, effective August 16, 1967 through November 15, 1967, to follow up on soybean research project initiated in 1966 with the International Executive Service Corps.

Samuel P. Daykin, Associate Professor, School of Social Work, effective October 1, 1967 through June 30, 1968, for study and research on the French probation system in Paris, France, and SOS Children's Village in Austria.

Nason E. Hall, Associate Professor, Department of Sociology, effective July 1, 1967 through July 31, 1967, to participate in Institute on Research Methods at the University of Alberta, Edmonton, Canada.

George Parker Hanna, Jr., Associate Professor, Department of Civil Engineering, effective July 1, 1967 through August 31, 1967, to continue work on his Ph.D. degree.

Robert M. Reeser, Associate Professor (part time - 45%), Department of Agricultural Economics and Rural Sociology, effective September 15, 1967 through December 31, 1967, to serve with the Stanford Research Institute on a US/AID contract in Vietnam.

Peter Hans Schonemann, Associate Professor, Department of Psychology, effective October 1, 1967 through September 30, 1968, to act as consultant at the Educational Testing Service, Princeton, New Jersey.

September 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

John T. Demos, Assistant Professor, Library, effective October 5, 1967, to study for the Ph. D. degree.

Carol J. Fair, Assistant Professor, School of Nursing, effective August 21, 1967 through September 24, 1967, for personal reasons.

Ronald B. Gold, Assistant Professor, Department of Economics, effective October 1, 1967 through December 31, 1967, to do research at Harvard University under an AID project.

D. Terence Langendoen, Assistant Professor, Department of Linguistics, effective October 1, 1967 through December 31, 1967, to teach at the University of Pennsylvania.

William C. Maddox, Assistant Professor (part time - 30%), College of Dentistry, effective October 1, 1967 through June 30, 1968, due to ill health.

Richard M. Rau, Assistant Professor, Department of Mathematics, effective October 1, 1967 through September 30, 1968, to do research in Operations Research for the United States Marine Corps.

Harold Schneiderman, Assistant Professor, School of Social Work, effective November 1, 1967 through June 30, 1968, to pursue doctoral studies at Western Reserve University.

Sandra Jane Sorensen, Assistant Professor, School of Nursing, effective July 1, 1967 through September 24, 1967, for personal reasons.

Elsie Lee Williams, Assistant Professor, School of Nursing, effective September 14, 1967 through September 24, 1967, for travel.

Burton O. Witthuhn, Assistant Professor, Department of Geography, effective October 1, 1967 through December 31, 1967, to complete research and writing of dissertation.

Gloria D. Cleland, Instructor (County Extension Agent, Home Economics) Erie County, Cooperative Extension Service, effective November 16, 1967 through June 30, 1968, to participate in a program of professional improvement at the University of Maryland.

September 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Marion LaVerne Cremer, Instructor (part time - 51%), School of Home Economics, effective July 1, 1967 through September 30, 1967, for the purpose of advanced study.

Richard P. Dickey, Instructor, Department of Obstetrics and Gynecology, effective July 1, 1967 through June 30, 1968. (Military Leave)

Raymond E. Dumett, Instructor, Department of History, effective October 1, 1967 through December 31, 1967, to accept a grant from Stanford University for research at the Hoover Institute.

Joseph A. Levey, Instructor, School of Music, effective October 1, 1967 through December 31, 1967, to complete his doctoral study at the University of Oklahoma.

Janice M. Martin, Instructor (County Extension Agent, Home Economics), Cooperative Extension Service, effective August 16, 1967 through June 30, 1968, to participate in a program of professional improvement at Michigan State University.

Ronald L. Overmyer, Instructor (County Extension Agent, 4-H) Ottawa County, Cooperative Extension Service, effective August 16, 1967. (Military Leave)

Barbara J. Thomson, Instructor, School of Education, effective October 1, 1967 through September 30, 1968, to finish her Ph. D. work.

Alice P. Wiren, Instructor, Library, effective October 3, 1967, to participate in a program of professional improvement.

E. Emeritus Titles

Lewis C. Chadwick, Department of Horticulture and Forestry, with the title Professor Emeritus, effective October 1, 1967.

Leona J. Calvin, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Home Economics), effective September 1, 1967.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the Change in Administrative Responsibilities, Promotion, Appointments, Leaves of Absence Without Salary, Emeritus Titles, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting:

1. Government Contracts - Federal

- a1. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #32 - Engineering Experiment Station).
Gross Value - \$99,000.00.
- a2. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Clinical Research Center (to be known as National Institutes of Health Project No. 1196 - Revised - Department of Obstetrics and Gynecology).
Gross Value - \$35,150.00.
- a3. Department of Navy, Office of Naval Research, Washington, D. C., Initiation of Basic Research on the Processes of Crystal Growth and Dissolution (to be known as Office of Naval Research Project No. 1386 - Amend. #9 - Department of Metallurgical Engineering).
Gross Value - \$20,000.00.
- a4. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Tumor Necrotizing Activity of Tuberous Begonias (to be known as National Institutes of Health Project No. 1338 - Ext. #6 - College of Pharmacy).
Gross Value - \$8,337.00.
- a5. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C., Study of the Sulfide-to-Sulfate Reaction Mechanism (to be known as U. S. Department of Interior Project No. 1442 - Ext. #5 - Department of Chemical Engineering).
Gross Value - \$24,674.00.
- a6. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as National Institutes of Health Project No. 1470 - Ext. #5 - Department of Psychology).
Gross Value - \$28,274.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a7. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Teaching Services for Air Force Military Personnel at Ellsworth Air Force Base, South Dakota (to be known as Air Force Institute of Technology Project No. 1600-C - Sup. #17 - College of Commerce and Administration - Continuing Education).
Gross Value - \$12,700.00.
- a8. Department of Health, Education, and Welfare, Bureau of State Services, Arlington, Virginia, The Nurse-Monitor in a Patient-Care System (to be known as Bureau of State Services Project No. 1651 - Rev. 6/12/67 - Department of Business Organization).
Gross Value - \$6,336.00.
- a9. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 1775 - Rev. 6/21/67 - College of Dentistry).
Gross Value - \$4,767.00.
- a10. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance (to be known as National Institutes of Health Project No. 1789 - Ext. #4 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a11. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Receptive Fields of the Mesencephalon (to be known as National Institutes of Health Project No. 1881-C - Ext. #3 - School of Optometry).
Gross Value - \$11,613.00.
- a12. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Solid State Electronic Techniques (to be known as Systems Engineering Group, Research and Technology Division Project No. 2011 - C. O. #7 - Department of Electrical Engineering).
Gross Value - \$250,000.00.
- a13. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, The Influence of Structure on Verbal Behavior (to be known as National Institutes of Health Project No. 2016 - Ext. #2 - Department of Psychology).
Gross Value - \$19,070.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a14. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Biology of the Heart (to be known as National Institutes of Health Project No. 2058 - Ext. #2 - Department of Veterinary Physiology).
Gross Value - \$226,388.00.
- a15. Department of Health, Education, and Welfare, Bureau of State Services, Arlington, Virginia, Sublethal Levels of DDT and Rabbit Adrenal Function (to be known as Bureau of State Services Project No. 2117 - Rev. 6/25/67 - Department of Zoology and Entomology).
Gross Value - \$792.00.
- a16. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Techniques for Integrating Solid-State Circuitry Into Antennas (to be known as Systems Engineering Group, Research and Technology Division Project No. 2142 - C. O. #3 - Department of Electrical Engineering).
Gross Value - \$90,000.00.
- a17. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3, 2, 1-Bicyclic Mechanism (to be known as National Science Foundation Project No. 2152 - Ltr. 6/29/67 - Department of Chemistry).
Gross Value - \$43,100.00.
- a18. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Study and Experimentation of Satellite Communication Links (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2162 - C. O. #4 - Department of Electrical Engineering).
Gross Value - \$29,568.00.
- a19. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, A Definitive Study of the Characteristics of Toughness of Engineering Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2188 - Sup. #2 - Department of Metallurgical Engineering).
Gross Value - \$11,000.00.
- a20. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research of Eutectoid Reactions in Metal Alloys (to be known as Systems Engineering Group, Research and Technology Division Project No. 2193 - C. O. #4 - Department of Metallurgical Engineering).
Gross Value - \$34,383.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a21. Department of Health, Education, and Welfare, Solid Wastes Program, Bethesda, Maryland, Engineering Properties of Farm Wastes (to be known as Solid Wastes Program Project No. 2216 - Ext. #1 - Department of Agricultural Engineering). Gross Value - \$22,581.00.
- a22. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Corrosion Cracking of Metallic Materials (to be known as Systems Engineering Group, Research and Technology Division Project No. 2223 - Sup. #3 - Department of Metallurgical Engineering). Gross Value - \$225,000.00.
- a23. Department of Health, Education, and Welfare, Public Health Service, Bureau of Disease Prevention and Environmental Control, Washington, D. C., Graduate Training Program in Medical Technology (to be known as Bureau of Disease Prevention and Environmental Control Project No. 2230 - Sup. #1 - Department of Pathology). Gross Value - \$12,960.00.
- a24. Headquarters, U. S. Air Force, Pentagon, Washington, D. C., High Frequency Aircraft Antennas (to be known as U. S. Air Force Project No. 2235 - Amend. #2 - Department of Electrical Engineering). Gross Value - \$35,000.00.
- a25. National Science Foundation, Washington, D. C., Transition Probabilities and Other Parameters for Atoms and Molecules of Astrophysical Interest (to be known as National Science Foundation Project No. 2253 - Amend. #1 - Department of Astronomy). Gross Value - \$38,500.00.
- a26. National Science Foundation, Washington, D. C., Incomplete Frequency Redistribution of Line Radiation (to be known as National Science Foundation Project No. 2255 - Amend. #1 - Department of Astronomy). Gross Value - \$36,600.00.
- a27. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Endocrine and Behavioral Changes After Septal Damage (to be known as National Institutes of Health Project No. 2281 - Ext. #1 - Department of Psychiatry). Gross Value - \$40,125.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a28. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2301 - Ext. #1 - Department of Veterinary Pathology).
Gross Value - \$979,000.
- a29. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Effect of Magnesium Deficiency on Adrenergic Neurons (to be known as National Institutes of Health Project No. 2310-A - Ext. #1 - Department of Pharmacology).
Gross Value - \$14,921.00.
- a30. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Theoretical and Experimental Studies in Polarization and Applications to Radio Astronomy and Space Physics (to be known as Electronic Systems Division Project No. 2332 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$30,000.00.
- a31. Rome Air Development Center, Griffiss Air Force Base, New York, High Gain Antenna Techniques (to be known as Rome Air Development Center Project No. 2358 - Mod. #2 and #3 - Department of Electrical Engineering).
Gross Value - \$199,979.00.
- a32. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum (to be known as Office of Education Project No. 2361 - Rev. #1 - School of Education).
Gross Value - \$349,970.00.
- a33. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Utilization of the Point Matching Techniques for Structural Shell Analysis (to be known as Systems Engineering Group, Research and Technology Division Project No. 2364 - Amend. #1 - Department of Engineering Mechanics).
Gross Value - \$25,000.00.
- a34. U. S. Department of Agriculture, Animal Husbandry Research Division, Beltsville, Maryland, Animal Science Computer Analysis (to be known as U. S. Department of Agriculture Project No. 2367 - Ltr. 7/10/67 - Department of Animal Science).
Gross Value - \$5,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a35. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 2390 - Rev. #1, 6/21/67 - College of Pharmacy).
Gross Value - \$4,028.00.
- a36. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Systems Engineering Group Project No. 2414 - Amend. #2 - Research Foundation Internal Supervision).
Gross Value - \$150,000.00.
- a37. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Science (to be known as Systems Engineering Group, Research and Technology Division Project No. 2443 - Amend. #2 - Research Foundation Internal Supervision).
Gross Value - \$181,778.00.
- a38. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Mercaptocyclopropylamine Radiation - Protection Agents (to be known as National Institutes of Health Project No. 2460 - New - College of Pharmacy).
Gross Value - \$10,010.00.
- a39. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Discrimination Learning in Schizophrenics (to be known as National Institutes of Health Project No. 2468 - New - Department of Psychology).
Gross Value - \$4,200.00.
- a40. National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas, Infrared Temperature Sounding-S043 (to be known as Manned Spacecraft Center Project No. 2469 - New - Department of Physics).
Gross Value - \$35,000.00.
- a41. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Research, Development, and Teaching of Weapon Systems Management for the DWSMC, AFIT (to be known as Air Force Institute of Technology Project No. 2471 - New - Defense Management Center).
Gross Value - \$177,106.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a42. U. S. Army Medical Research and Development Command, Washington, D. C., Analysis of Visual and Pupillary Functioning (to be known as U. S. Army Medical Research and Development Command Project No. 2474 - New - Department of Ophthalmology). Gross Value - \$14,338.00.
- a43. Air Force Systems Command, Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Propagation of Essentially Monochromatic Illumination for Reconnaissance Applications (to be known as Air Force Systems Command Project No. 2476 - New - Department of Electrical Engineering). Gross Value - \$49,998.00.
- a44. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Two Possible Applications of a Least Squares Solution (to be known as National Institutes of Health Project No. 2477 - New - Department of Psychology). Gross Value - \$4,172.00.
- a45. Department of Army, Defense Supply Service, Pentagon, Washington, D. C., Cytological Studies (to be known as Defense Supply Service Project No. 2478 - New - Department of Pathology). Gross Value - \$250,000.00.
- a46. Federal Aviation Administration, Installation and Material Services, Washington, D. C., Study to Determine the Flight Profile and Mission of the Certified Private Pilot (to be known as Federal Aviation Administration Project No. 2479 - New - Department of Aviation). Gross Value - \$16,587.00.
- a47. National Science Foundation, Washington, D. C., Interaction of High Energy Particles with Interstellar Dust (to be known as National Science Foundation Project No. 2482 - New - Department of Astronomy). Gross Value - \$37,200.00.
- a48. National Science Foundation, Washington, D. C., Ergodic Theory and Probability (to be known as National Science Foundation Project No. 2483 - New - Department of Mathematics). Gross Value - \$40,200.00.
- a49. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as National Institutes of Health Project No. 2484 - New - Department of Surgery). Gross Value - \$12,612.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a50. Department of the Navy, U. S. Naval Air Development Center, Warminster, Pennsylvania, The Exact Analysis of Radome Bore-sight Errors (to be known as U. S. Naval Air Development Center Project No. 2485 - New - Department of Electrical Engineering).
Gross Value - \$45,000.00.
- a51. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Ohio Medlars Center (to be known as National Institutes of Health Project No. 2487 - New - Department of Medicine).
Gross Value - \$50,585.00.
- a52. National Science Foundation, Washington, D. C., Glaciological Work on Queen Maud Land Traverse III from Plateau Station to New Schwabenland (to be known as National Science Foundation Project No. 2488 - New - Institute of Polar Studies).
Gross Value - \$57,500.00.
- a53. Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio, Research and Services to Revise and Present Courses of Instruction in the School of Systems and Logistics in the Civil Engineering Center, AFIT (to be known as Air Force Institute of Technology Project No. 2489 - New - College of Commerce and Administration - Continuing Education).
Gross Value - \$887,000.00.
- a54. National Aeronautics and Space Administration, Washington, D. C., Program of Instruction in Applications of Nomographics for Structuring and Administration of Incentive Contracts (to be known as National Aeronautics and Space Administration Project No. 2490 - New - College of Commerce and Administration - Continuing Education).
Gross Value - \$25,666.00.
- a55. Federal Aviation Administration, Washington, D. C., Experimental Training Program Utilizing an Integrated VFR-IFR Curriculum (to be known as Federal Aviation Administration Project No. 2492 - New - Department of Aviation).
Gross Value - \$40,749.00.
- a56. Federal Aviation Administration, Washington, D. C., Training of Students to Private Pilot Certification Using the Angle of Attach Instrumentation (to be known as Federal Aviation Administration Project No. 2493 - New - Department of Aviation).
Gross Value - \$18,328.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a57. National Science Foundation, Washington, D. C. , Geologic Study of the Central Transantarctic Mountains, Antarctica (to be known as National Science Foundation Project No. 2494 - New - Institute of Polar Studies).
Gross Value - \$37,000.00.
- a58. National Science Foundation, Washington, D. C. , Electronic Structure of Carbanions (to be known as National Science Foundation Project No. 2495 - New - Department of Chemistry).
Gross Value - \$31,000.00.
- a59. National Science Foundation, Washington, D. C. , Photochemistry of Non-Conjugated Dienes (to be known as National Science Foundation Project No. 2496 - New - Department of Chemistry).
Gross Value - \$39,500.00.
- a60. National Science Foundation, Washington, D. C. , Boren Heterocycles and Derivatives (to be known as National Science Foundation Project No. 2497 - New - Department of Chemistry).
Gross Value - \$55,000.00.
- a61. National Science Foundation, Washington, D. C. , Natural Particulate Fallout by Air Sampling in Antarctica (to be known as National Science Foundation Project No. 2498 - New - Institute of Polar Studies).
Gross Value - \$9,300.00.
- a62. National Science Foundation, Washington, D. C. , Effect of Structure on Rates and Equilibria (to be known as National Science Foundation Project No. 2499 - New - Department of Chemistry).
Gross Value - \$50,500.00.
- a63. National Science Foundation, Washington, D. C. , Geophysical and Glaciological Studies Along the Byrd Strain Net (to be known as National Science Foundation Project No. 2500 - New - Institute of Polar Studies).
Gross Value - \$42,500.00.
- a64. U. S. Army Engineer, Research and Development Command, Fort Belvoir, Virginia, Establishment of an Ideal World Geodetic System (to be known as U. S. Army Engineer, Research and Development Command Project No. 2501 - New - Department of Geodetic Science).
Gross Value - \$26,108.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a65. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Motivational Effects in Early Discrimination Learning (to be known as National Institutes of Health Project No. 2502 - New - Department of Psychology).
Gross Value - \$4,200.00.
- a66. National Science Foundation, Washington, D. C., Pedological Study in the Wright Valley, Southern Victoria Land, Antarctica (to be known as National Science Foundation Project No. 2503 - New - Institute of Polar Studies).
Gross Value - \$20,600.00.
- a67. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C., Pilot Scale Study of Acid Mine Drainage (to be known as Federal Water Pollution Control Administration Project No. 2504 - New - Departments of Chemical Engineering and Civil Engineering).
Gross Value - \$40,301.00.
- a68. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Evaluation of Aircraft Passenger Oxygen Masks (to be known as Air Force Systems Command Project No. 2505 - New - Department of Preventive Medicine).
Gross Value - \$10,551.00.
- a69. U. S. Army Engineer, Research and Development Command, Research and Development Procurement Office, Fort Belvoir, Virginia, Development of Mathematical Insurgence Resources Models (to be known as U. S. Army Engineer, Research and Development Command Project No. 2506 - New - Department of Electrical Engineering).
Gross Value - \$45,027.00.
- a70. Department of Health, Education, and Welfare, National Institutes of Health, Washington, D. C., A Core Facility for a Cardiovascular Research Program (to be known as National Institutes of Health Project No. 2507 - New - Department of Medicine).
Gross Value - \$293,152.00.
- a71. Department of Health, Education, and Welfare, Public Health Service, National Institute of Neurological Disease and Blindness, Bethesda, Maryland, Neural Coding in the Marsupial Visual Pathways (to be known as National Institute of Neurological Disease and Blindness Project No. 2510 - New - School of Optometry).
Gross Value - \$32,247.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a72. Department of Health, Education, and Welfare, Public Health Service, National Institute of Neurological Disease and Blindness, Bethesda, Maryland, A Comparative Study of the Extrapyramidal System (to be known as National Institute of Neurological Disease and Blindness Project No. 2512 - New - Department of Anatomy). Gross Value - \$12,349.00.

TOTAL - Government Contracts - Federal \$4,854,159.00

2. Government Contract - State

- a1. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as State of Ohio, Department of Health Project No. 2052 - Ext. #2 - Department of Pediatrics). Gross Value - \$60,000.00.

3. Industrial and Other Contracts

- a1. Ohio Tuberculosis and Health Association, Columbus, Ohio, Intracellular Parasitism of the Tubercle Bacillus (to be known as Ohio Tuberculosis and Health Association Project No. 764 - Ext. #10 - Department of Microbiology). Gross Value - \$5,901.00.
- a2. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - 4 Checks Received 7/26/67 - Department of Surgery). Gross Value - \$4,089.80.
- a3. Petroleum Research Fund, Washington, D. C., Sulfinyl and Sulfur Dioxide Complexes (to be known as Petroleum Research Fund Project No. 1954 - Ext. #1 - Department of Chemistry). Gross Value - \$24,250.00.
- a4. American Petroleum Institute, New York, New York, Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - Ext. #2 - Department of Chemical Engineering). Gross Value - \$10,000.00.
- a5. National Foundation - March of Dimes, Columbus, Ohio, Birth Defects Special Treatment Center (to be known as National Foundation - March of Dimes Project No. 2054 - Ext. #2 - Department of Pediatrics). Gross Value - \$28,676.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Contracts (continued)

- a6. National Foundation - March of Dimes, Columbus, Ohio, Birth Defects Treatment Center (to be known as National Foundation - March of Dimes Project No. 2054-A - Ext. #2 - Department of Pediatrics).
Gross Value - \$1,434.00.
- a7. Marine Colloids, Inc., Springfield, New Jersey, Investigation in the Fields of Polysaccharides (to be known as Marine Colloids, Inc. Project No. 2236 - Ext. #1 - Department of Dairy Technology).
Gross Value - \$4,969.00.
- a8. Andrew Corporation, Chicago, Illinois, New Transmission Line Techniques (to be known as Andrew Corporation Project No. 2294 - Sup. #1 - Department of Electrical Engineering).
Gross Value - \$19,483.00.
- a9. Kent State University, Kent, Ohio, Research and Continuing Education on Community Growth and Fiscal Problems (to be known as Kent State University Project No. 2299 - Letter 6/27/67 - College of Commerce and Administration - Continuing Education).
Gross Value - \$921.60.
- a10. A. H. Robins Co., Inc., Research Laboratories, Richmond, Virginia, Isolation of Active Constituents of Certain Plants (to be known as A. H. Robins Co., Inc. Project No. 2327 - Ext. #1 - College of Pharmacy).
Gross Value - \$6,421.00.
- a11. University of Alabama, Huntsville Campus, Huntsville, Alabama, Development and Presentation of Logistics Seminar for Space Systems (to be known as University of Alabama Project No. 2465 - New - College of Commerce and Administration - Continuing Education).
Gross Value - \$8,135.00.
- a12. American Historical Association, Washington, D. C., Conferences on the Problems of Oral History (to be known as American Historical Association Project No. 2470 - New - Department of History).
Gross Value - \$2,500.00.
- a13. American Association on Mental Deficiency, Columbus, Ohio, Description and Determinants of Institutional Quality (to be known as American Association on Mental Deficiency Project No. 2473 - New - Department of Psychology).
Gross Value - \$18,000.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

3. Industrial and Other Contracts (continued)

- a14. National Municipal League, New York, New York, The Effects of Reapportionment in Ohio (to be known as National Municipal League Project No. 2480 - New - Department of Political Science). Gross Value - \$5,000.00.
- a15. Warner-Lambert Research Institute, Medical Division, Morris Plains, New Jersey, Oxolinic Acid (W4565) Study in Treatment of Acute and Chronic Urinary Tract Infections (to be known as Warner-Lambert Research Institute Project No. 2481 - New - Department of Surgery). Gross Value - \$6,000.00.
- a16. Northwestern Ohio Heart Association, Toledo, Ohio, Histological Study of the Human Cardiac Conduction System (to be known as Northwestern Ohio Heart Association Project No. 2486 - New - Department of Anatomy). Gross Value - \$3,326.65.
- a17. American Heart Association, New York, New York, Intra-Hepatic Control of Arterial and Portal Inflow to the Liver (to be known as American Heart Association Project No. 2491 - New - Department of Physiology). Gross Value - \$13,530.00.

TOTAL - Industrial and Other Contracts \$162,637.05

The foregoing ninety contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$5,076,796.05.

Upon motion of Mr. France, seconded by Mr. Hilliker, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from June 27, 1967 through August 24, 1967, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

EES 263X	A Study of Highway Lighting, Ohio Department of
Ext. #4	Highways, Columbus, Ohio.
	Gross Value - \$20,040.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

EES 274X Ext. #1	The Development of New Intersection Techniques, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$9,000.00.
EES 304X	Preparation of Final Draft for Ohio Motor Vehicle Accident Cost Study, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$4,920.00.
W110	The Influence of Suspended Microscopic Substances on the Metabolic Activities of Microorganisms Responsible for Biological Enrichment of Water, U. S. Department of Interior, Washington, D. C. Gross Value - \$17,506.00.
W111	Cladophora as Related to Pollution in Western Lake Erie, U. S. Department of Interior, Washington, D. C. Gross Value - \$4,950.00.
W112	Relationship Between Phosphate and Other Chemicals at the Water-Substrate Interface in Lake Erie, U. S. Department of Interior, Washington, D. C. Gross Value - \$10,900.00.
W113	Public Investment Criteria for Water-Oriented Recreation in the Lake Erie Basin, U. S. Department of Interior, Washington, D. C. Gross Value - \$14,700.00.
W114	Pollution Taxes and the Costs of Water Quality Management, U. S. Department of Interior, Washington, D. C. Gross Value - \$5,994.00.
W115	Precipitation of Phosphates from Water with Ferrous Salts, U. S. Department of Interior, Washington, D. C. Gross Value - \$8,100.00.
W117	A Study of Biological Systems in the Scioto River as Indices to Water Quality, U. S. Department of Interior, Washington, D. C. Gross Value - \$67,800.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

W118	Community Reactions to Water Resources Problems in Relation to Planning, U. S. Department of Interior, Washington, D. C. Gross Value - \$13,111.00.
W119	Interactions Among Aquatic Contaminants and Activity of Microorganisms on the Ecology and Productivity in Lake Erie, U. S. Department of Interior, Washington, D. C. Gross Value - \$97,850.00.
SC 48 Ext. #2	University Civil Defense Extension Program, Office of Civil Defense, Department of the Army, Washington, D. C. Gross Value - \$72,508.00.

TOTAL - Government Research Contracts \$347,379.00

2. Industrial Research Contracts

EES 250X Ext. #7	Thin Film Hall Effect Devices, F. W. Bell, Inc., Columbus, Ohio. Gross Value - \$1,000.00.
EES 282X Ext. #2	Investigation of Vibration Aids to Bulk Handling of Resins, Union Carbide Corporation, Plastics Division, New York, New York. Gross Value - \$12,000.00.
EES 284X Ext. #1	Evaluation of Lift Coefficients and Pressure Gradients on Rotor Blades, Boeing Company, Vertol Division, Morton, Pennsylvania. Gross Value - \$1,217.00.
EES 302X	Study of Fluid Flow and Force Generation Through Safety Relief Valve Passages, National Board of Boiler and Pressure Vessel Inspectors, Columbus, Ohio. Gross Value - \$7,712.00.
EES 303X	Sonic Tool for Anchoring Bolts and Studs Into Refractory Materials, The Black and Decker Company, Towson, Maryland. Gross Value - \$51,900.00.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

2. Industrial Research Contracts (continued)

SC 70	Water and Wastewater Plant Operators Training Program for Fiscal Year 1968, Operator Training Committee of Ohio, Inc., Columbus, Ohio. Gross Value - \$16,404.00.
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TOTAL - Industrial and Other Contracts \$90,233.00

The foregoing nineteen contracts for research in the Engineering
Experiment Station represent a gross income of \$437,612.00.

C. Agreement Between the Division of Vocational Education of the
State Department of Education and The Ohio State University

President Fawcett recommended that the agreements between The Ohio
State University and the State Department of Education, Division of Vocational
Education be continued for the fiscal year 1967-68 and that the contracts for
teacher-training and special services in the following areas be approved:

Vocational Home Economics
Vocational Agriculture
Trade and Industrial Education
Distributive Education
Business and Office Education
Guidance Services

It was recommended further that the President of the University and the
Secretary of the Board of Trustees be authorized to sign the agreements
on behalf of the University.

Upon motion of Mr. Hilliker, seconded by Mr. France, the above recommen-
dations were approved by unanimous roll call vote.

D. Agreement Between The Ohio State University and the
National Council on Schoolhouse Construction

Experience with other educational groups such as Chemical Abstracts of
the American Chemical Society and the National Council on Educational
Administration has demonstrated the willingness of The Ohio State Uni-
versity to cooperate with national agencies and the significant value of
such cooperation to the University as well as the affiliated groups.

September 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

D. Agreement Between The Ohio State University and the National Council on Schoolhouse Construction (continued)

It was therefore recommended that the President of The Ohio State University be authorized to sign an agreement between The Ohio State University and the National Council on Schoolhouse Construction with the understanding that the University will assist the Council during its redevelopment period until such time as it can become and remain completely self sustaining.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees by unanimous roll call vote authorized the President to sign the agreement between The Ohio State University and the National Council on Schoolhouse Construction.

E. Agreement for Preliminary Studies - Campus Loop Road

The proposal to enter into an agreement with the engineering firm of E. S. Preston & Associates, Ltd., Columbus, Ohio, for the purpose of making preliminary engineering studies to assist in protecting the interests of the University in the later implementation of its master plan, particularly related to that portion of the proposed Campus Loop Road paralleling the Olentangy Freeway, of adjoining segments of the Loop Road, and of connections to other related campus and non-campus streets, was reviewed with the Board of Trustees on July 13, 1967, and the President was authorized to proceed with the negotiation of such an agreement with the total cost not to exceed \$10,000.00.

An agreement between The Ohio State University and E. S. Preston & Associates has now been executed with the understanding that the University will reimburse the E. S. Preston & Associates for "Actual payroll cost . . . plus actual other direct costs plus overhead at 80 per cent of actual payroll cost plus a fixed fee of \$1,500.00; the combined total of which shall not exceed \$10,000.00."

President Fawcett recommended that the Board of Trustees formally ratify this agreement and authorize payment upon satisfactory completion of the work.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 13, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$727,253.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the construction of a portion of the Biological Sciences Building. This grant is made under Title I of the Higher Education Facilities Act of 1963. (Project No. Ohio 4-1765)
2. \$723,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for a project entitled "Laboratory Animal Center." This grant is made under Title VII (A) of the Public Health Service Act, as amended. (Grant No. 1 C01 FR-03443-01)
3. \$219,859.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for a "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of the Department of Physical Medicine, for the period September 1, 1967 through August 31, 1968. (Grant No. VRA 151-T-68)
4. \$135,963.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Professional Nurse Traineeship Program," under the direction of the School of Nursing, for the period September 1, 1967 through August 31, 1968. (Grant No. NT-29-C11)
5. \$80,280.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for construction of a Classroom - Library Building on the Marion Campus. This grant is made under Title I of the Higher Education Facilities Act of 1963. This grant is in addition to the one reported at the July 13, 1967 meeting, making the total \$704,030.00. (Project No. Ohio 3-2372)
6. \$62,770.00 granted by Department of Health, Education, and Welfare, Public Health Service, 4040 North Fairfax Drive, Arlington, Virginia 22203, to the University for a "Mental Retardation Training Program," under the direction of the Department of Pediatrics, for the period August 1, 1967 through July 31, 1968. (Grant No. MR3713A67)
7. \$61,728.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for a "Teaching Grant and Traineeships in Speech Pathology and Audiology," under the direction of the Department of Speech, for the period September 1, 1967 through August 31, 1968. (Grant No. VRA 222-T-68)
8. \$54,294.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a "Training Grant in Endocrinology and Metabolism," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 2 T01 AM05518-11)

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

9. \$52,291.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Planning Study to Determine the Feasibility of Developing a New Business and Office Education Curriculum," under the direction of the Center for Vocational and Technical Education, for the period June 29, 1967 through October 28, 1967. (Grant No. OEG-1-7-071223-5134)
10. \$48,513.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cardiology," under the direction of the Department of Medicine, for the period July 1, 1967 through June 30, 1968. (Grant No. 1 T12 HE05686-01)
11. \$39,731.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for a "Teaching Grant and Traineeships," under the direction of the Department of Sociology, for the period September 1, 1967 through August 31, 1968. (Grant No. VRA 473-T-68)
12. \$38,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Slavic and East European Language and Area Center," under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1967 through June 30, 1968. (Contract No. OEC 4-7-000097-3675)
13. \$33,774.00 granted by Department of Health, Education, and Welfare, Public Health Service, Arlington, Virginia 22203, to the University for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Services, for the period July 1, 1967 through June 30, 1968. (Grant No. AHT-68-010(A))
14. \$30,410.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Secondary Science Training Program," under the direction of the Department of Mathematics. This grant terminates on September 30, 1968. (GW-2259)
15. \$27,673.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Nursing," under the direction of the Department of Psychiatry, for the period July 1, 1967 through June 30, 1968. (Grant Nos. 5 T02 MH06375-11 and 5 T02 MH06375-11S1)
16. \$26,772.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for "Teaching Grant and Traineeships in Physical Therapy," under the direction of the School of Allied Medical Services, for the period September 1, 1967 through August 31, 1968. (Grant No. VRA 209-T-68)

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

17. \$25,000.00 from Battelle Memorial Institute for the Battelle Professorship of Metallurgy in the Department of Metallurgical Engineering.
18. \$18,187.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Physiological Psychology," under the direction of the Department of Psychology, for the period July 1, 1967 through June 30, 1968. (Grant No. 5 T01 MH06748-10)
19. \$15,485.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Program - Development Award entitled, "Neocortical and Subcortical Interaction," under the direction of the Department of Psychology, for the period September 1, 1967 through August 31, 1968. (Grant No. 1 K03-MH-12,747-01)
20. \$15,120.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology," under the direction of the Department of Psychology, for the period July 1, 1967 through June 30, 1968. (Grant No. 1 T01 MH10778-01)
21. \$15,091.00 granted by Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C. 20201, to the University for the project entitled, "The Natural History of Disability," under the direction of the Department of Physical Medicine, for the period August 1, 1967 through July 31, 1968. (Grant No. VRA RD-2292-G-68-C1)
22. \$14,280.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Public Health Nursing Traineeship and Public Health Traineeship Program," under the direction of the School of Nursing, for the period July 1, 1967 through June 30, 1968. (Grant No. N-537-68C)
23. \$12,741.00 granted by Agency for International Development, Washington, D. C., to the University for "Analytical Study of AID/ University Projects in Agricultural Education and Research," under the direction of the Department of Agricultural Economics and Rural Sociology, for the period July 1, 1967 through December 31, 1967. (Contract No. AID/csd-840-OSU)
24. \$11,990.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Editors Workshop," under the direction of the School of Journalism, for the period September 1, 1967 through August 31, 1968. (Grant No. R13 DH 00129-04)

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

25. \$6,180.00 granted by The Ford Foundation, 477 Madison Avenue, New York, New York 10022, to the University for a doctoral fellowship in business organization for the academic year 1967-1968. (Grant No. 67-330)
26. \$5,000.00 granted under the Trust of Max H. Rieser to the University to establish the Max and Eugenie Rieser Fellowships. This sum is to be used for the purchase of five \$1,000.00 Government Bonds with one to be awarded each year as a fellowship to the most efficient, industrious, and deserving student in the College of Commerce and Administration of The Ohio State University.

TOTAL - Through the Office of Business and Finance \$2,501,385.00

B. Received Through the Development Fund

1. \$43,690.75 in securities from the Estate of Miner Barcus for the establishment of the Caroline Miner, James Henry Barcus, Ebenezer Barcus, and Miner Barcus Memorial Fund.

Caroline Miner, James Henry Barcus, Ebenezer Barcus,
and Miner Barcus Memorial Fund

The Caroline Miner, James Henry Barcus, Ebenezer Barcus, and Miner Barcus Memorial Fund was established by a bequest under the will of Miner Barcus, ME-EE '97, in memory of his mother, Caroline Miner; his father, James Henry Barcus; and his uncle, Ebenezer Barcus.

The principal is to be invested in accordance with the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The income is to be used at the discretion of said Board of Trustees of The Ohio State University as recommended by the Board of Directors of The Ohio State University Development Fund, with first preference to be given to a student loan fund, if the need for such exists.

2. \$37,000.00 from the Estate of Miss Helen C. Kennedy for the Institute for Research in Vision.
3. \$30,000.00 from the American Playwrights Theatre, Columbus, Ohio, for the American Playwrights Theatre Fund.

American Playwrights Theatre Fund

The American Playwrights Theatre Fund was established July 24, 1967, through a gift by the American Playwrights Theatre, Columbus, Ohio, to The Ohio State University Development Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

3. American Playwrights Theatre Fund (continued)

The principal is to be invested under the rules and regulations of the Board of Trustees of The Ohio State University, with the right to invest and reinvest as the occasion dictates.

Interest is to be added to the principal as it accrues. Expenditures are to be made only for purposes of the American Playwrights Theatre and may be made from either principal or interest, as determined by the authorized officers of the American Playwrights Theatre, which must include those members of The Ohio State University faculty or staff who are then officers.

4. \$24,250.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
5. \$12,445.19 from the American Medical Association for the National Fund for Medical Education.
6. \$10,000.00 from The Danforth Foundation for the Cooperative School Board Project in the College of Education.
7. \$8,400.00 from The International Nickel Company, Inc., for the International Nickel Company Fellowship Fund.
8. \$8,000.00 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Fund for Research in Medicine.
9. \$7,000.00 from Beecham Research Laboratories, Inc., New York, New York, for the Infectious Disease Research Fund.
10. \$7,000.00 from General Foods Fund, Inc., New York, New York, for the General Foods Fund Fellowship in Home Economics.
11. \$6,819.21 from Ullery, Vorys, Teteris, Neri & Associates, Inc. - Research--\$5,000.00 for the G. D. Searle & Company Fund for Research in Medicine and \$1,819.21 for Medical Research Consultants Fund.
12. \$6,000.00 from The John and Mary R. Markle Foundation, New York, New York, for The John and Mary R. Markle Fund.
13. \$6,000.00 from Parke, Davis & Company, Detroit, Michigan, for the Parke, Davis & Company Fellowship Fund.
14. \$6,000.00 from American Iron and Steel Institute, New York, New York, for the American Iron and Steel Institute Fellowship Fund in Civil Engineering.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

15. \$5,750.00 from Ohio Lions Club, Jackson, Ohio, for Ohio Lions Optometry Faculty Research Fund.
16. \$5,750.00 from Ohio Lions Research Foundation, Jackson, Ohio, for the Institute for Research in Vision.
17. \$5,640.00 from the Montgomery Foundation, Coshocton, Ohio, (E. E. Montgomery) for support of the Stadium Dormitory General Scholarship and Development Fund.
18. \$5,000.00 from The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund.
19. \$5,000.00 from Charles Pfizer & Company, Inc., New York, New York, for the Infectious Disease Research Fund.
20. \$5,000.00 from Warren-Teed Pharmaceuticals, Inc., for the Warren-Teed Pharmaceuticals, Inc., Research Fund in the College of Pharmacy.
21. \$5,000.00 from Eastman Kodak Company, Rochester, New York, for the Eastman Kodak Research Grant in Education for the academic year 1967-1968.
22. \$4,408.00 from International Business Machines Corporation for the International Business Machines Corporation Fellowship Fund.
23. \$4,369.00 from Nite Out Committee for Nite Out Student Loan Fund in the Health Center Area.
24. \$4,035.00 from Procter & Gamble Company for the Procter & Gamble Fellowship Fund in Chemical Engineering.
25. \$3,500.00 from The Joyce Products Company (Henry M. O'Neill, Sr. and Henry M. O'Neill, Jr.) for the Student Athlete Grant-in-Aid Fund.
26. \$3,350.00 from G. D. Searle and Company for the G. D. Searle and Company Research in Medicine Fund.
27. \$3,300.00 from The Stauffer Chemical Company Foundation for the Stauffer Chemical Company Chemistry Fellowship.
28. \$3,000.00 from Alcoa Foundation for the Alcoa Foundation Scholarship Fund.
29. \$3,000.00 from E. I. duPont deNemours and Company for the duPont Fund for Research in Chemistry.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

30. \$2,400.00 from Mansfield O. S. U. Scholarship Foundation for the Mansfield Branch Scholarship Fund.
31. \$2,383.00 from Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
32. \$2,375.75 from the Columbus Foundation (Everett D. Reese) for the Presidents Club Fund.
33. \$2,000.00 from William T. Morris Foundation, Inc., for the William T. Morris Foundation Scholarship in Welding Engineering.
34. \$2,000.00 from Obrig Laboratories, Inc., for the Obrig Laboratories, Inc., Fund for the School of Optometry.
35. \$1,783.13 from Ralph L. Boyer for the Ralph L. Boyer Fund for Engineering.
36. \$1,700.00 from Air Reduction Company, Incorporated, for Airco Scholarship in Welding Engineering.
37. \$1,520.00 from The Trane Company Foundation, Inc., for the Trane Company Fund in Mechanical Engineering.
38. \$1,500.00 from The Hildreth Foundation, Inc. (Gordon Hildreth), for the Student Athlete Grant-in-Aid Fund.
39. \$1,500.00 from Touche, Ross, Bailey & Smart for unrestricted use of the Department of Accounting.
40. \$1,184.04 from the Estate of Jeanette G. Murphy for the Jeanette G. Murphy Memorial Fund.
41. \$1,050.00 from the National Society for the Prevention of Blindness, Incorporated, for the National Society for the Prevention of Blindness Fund.
42. \$1,000.00 from Allied-Rentals (Edmond H. Deibel), for the Class of 1917 Fiftieth Anniversary Fund.
43. \$1,000.00 from Olin Mathieson Charitable Trust for Olin Mathieson Summer Project in Mechanical Engineering.
44. \$1,000.00 from Rohm and Haas Company for the Rohm & Haas Company Scholarship Fund.
45. \$1,000.00 from Melvin D. Ross--\$500.00 for the Melvin D. Ross Student Loan Fund and \$500.00 for the Melvin D. Ross Library Fund.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through the Development Fund (continued)

46. \$1,000.00 from Richard M. Ross--\$500.00 for the Ohio Dairy Products Research Fund and \$500.00 for the School of Art Special Fund.

TOTAL - Through the Development Fund \$305,103.07

Upon motion of Mr. Hilliker, seconded by Mr. Ketterer, the acceptance of the above gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Edward S. Drake and Student Leader Award Fund Merged

President Fawcett recommended, with the concurrence of the allocation boards of the Ohio State University Student Leader Award Fund and the Edward S. Drake Scholarship Fund, that they be joined together to form the "Edward S. 'Beanie' Drake Student Leader Endowment Fund" with the description as follows:

Edward S. "Beanie" Drake Student Leader Endowment Fund

The Edward S. "Beanie" Drake Student Leader Endowment Fund was created June 30, 1967, through a merger of the Ohio State University Student Leader Award Fund, originally established April 5, 1951, and the Edward S. Drake Scholarship Fund, originally established December 11, 1963. These funds were established through gifts to The Ohio State University through the Development Fund from campus student organizations and from friends of Edward S. "Beanie" Drake, in his honor.

Income is to be used to make awards to outstanding students whose need for financial assistance would otherwise prevent them from engaging in campus activities.

Awards are to be made by the University Scholarship Committee upon the recommendation of the Board of Directors of the Ohio State University Student Leader Endowment Fund.

Should the need for these awards cease to exist or so diminish as to leave unused income, the Board of Trustees may use the income for any purpose directly benefitting the student body.

The amount transferred to the newly identified Fund is \$19,300.00.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

September 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

1. June, 1967

In June, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,948	\$175,806.06
Individuals other than alumni	196	3,005.14
Nonprofit organizations	35	82,429.72
Business concerns	25	51,281.29
	<u>2,204</u>	<u>\$312,522.21</u>

Of these gifts, 1,595, totaling \$15,992.52 were undesignated and 609 totaling \$296,529.69 were designated.

2. July, 1967

In July, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	696	\$ 49,106.40
Individuals other than alumni	85	1,997.89
Nonprofit organizations	47	130,276.45
Business concerns	<u>19</u>	<u>70,134.79</u>
	847	\$251,515.53

Of these gifts, 481 totaling \$6,208.37 were undesignated and 366 totaling \$245,307.16 were designated.

E. Funds Received for Newly Established Royalties Account

\$30,000.00 received in payment for use of patent rights owned by The Ohio State University to be deposited in the special fund identified as Royalties Account No. 179027. which account is to be used for the purpose of defraying duly authorized expenses incurred in obtaining patents and the balance for other purposes in accordance with established budgeting procedures as recommended by the President and approved by the Board of Trustees.

Upon motion of Mr. Jones, seconded by Mr. Safford, the Board of Trustees approved the acceptance of the above-identified \$30,000.00 by unanimous roll call vote.

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September 14, 1967 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Parking Ramp - Ohio Union Site

This project is a parking ramp located between the Ohio Union and the Museum and will accommodate 627 automobiles.

Funds will be provided from Budget Account 801111.

B. Student Health Facility

This project is a four-story building which will house complete outpatient health services for all students.

Funds will be provided from Budget Account 801066.

Upon motion of Mr. Safford, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. Medical Center Utilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Sanitary and Storm Sewer Contract</u>		
(2 bids received 8-23-67)		
C. W. Pike & Sons (Columbus)		
Base Bid	\$ 294,187.85	\$ 220,800.00
Alt. AA-2 (Tree Protection)	1,200.00	5,600.00
Alt. AA-3 (Seeding and Mulching)	1,520.00	950.00
Alt. AA-4 (Inlets Belmont and 10th)	2,200.00	1,000.00
Total	<u>\$ 299,107.85</u>	<u>\$ 228,350.00</u>
<u>Water Lines Contract</u>		
(1 bid received 8-23-67)		
The Fishel Co. (Columbus)		
Base Bid	<u>\$ 325,465.00</u>	<u>\$ 268,800.00</u>

September 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Medical Center Utilities (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electric Contract</u>		
(2 bids received 8-23-67)		
The Fishel Co. (Columbus)		
Base Bid	\$ 145,635.00	\$ 131,400.00
Alt. CA-2 (Primary Cable)	8,910.00	6,435.00
Total	<u>\$ 154,545.00</u>	<u>\$ 137,835.00</u>
<u>Gas and Steam Contract</u>		
(2 bids received 8-23-67)		
Lieb-Jackson Co. (Columbus)		
Base Bid	\$ 136,473.30	\$ 142,800.00
Alt. DA-1 (Steam Lines University Hospital)	500.00	1,000.00
Alt. DA-2 (Increase Size of Return Line)	3,000.00	5,000.00
Alt. DA-3 (Steam Lines - Nursing)	9,988.00	20,000.00
Total	<u>\$ 149,961.30</u>	<u>\$ 168,800.00</u>
<u>Total All Contracts</u>	<u>\$ 929,079.15</u>	<u>\$ 803,785.00</u>

All bids were in excess of the estimates of cost. Nonetheless, the Director of Public Works recommends proceeding since in his opinion no better bids will be developed by readvertising. Contracts, therefore, will be awarded to the respective low bidders.

Funds for this project are provided from Item 048, H. B. 886.

B. Medical Basic Science Building

It was hereby recommended that all previous Board actions (February 9, 1967, March 9, 1967, and April 13, 1967) relating to the award of contracts for this project be rescinded and that the following listed award of contracts be approved:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 8-25-67)		
Garwick & Ross (Columbus)		
Base Bid	\$4,168,700.00	\$ 5,600,000.00
Alt. G-1 Terrazzo for Basement Floor	28,000.00	22,000.00
Total	<u>\$4,196,700.00</u>	<u>\$ 5,622,000.00</u>

September 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Medical Basic Science Building (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(4 bids received 8-25-67)		
Sauer, Inc. (Pittsburgh)		
Base Bid	\$ 890,000.00	\$ 900,000.00
Alt. P-3 Vacuum Cleaning System	32,000.00	30,000.00
Total	<u>\$ 922,000.00</u>	<u>\$ 930,000.00</u>
<u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(2 bids received 8-25-67)		
Huffman-Wolfe Co. (Columbus)		
Base Bid	\$1,842,000.00	\$ 2,050,000.00
Alt. H-1 Temperature Control	53,000.00	35,000.00
Total	<u>\$1,895,000.00</u>	<u>\$ 2,085,000.00</u>
<u>Electrical Contract</u>		
(2 bids received 8-25-67)		
States Electric Co. (Columbus)		
Base Bid	\$1,032,600.00	\$ 1,200,000.00
Alt. E-1 Circuit Identification	1,350.00	2,500.00
Alt. E-2 Vacuum Cleaning System	1,720.00	1,000.00
Alt. E-3 Holophane Lens	50,500.00	- -
Total	<u>\$1,086,170.00</u>	<u>\$ 1,203,500.00</u>
<u>Equipment Contract</u>		
(2 bids received 8-25-67)		
Hamilton Equipment Co.		
(Two Rivers, Wisconsin)		
Base Bid	\$ 557,000.00	\$ 750,000.00
Alt. LC-1 Corrocast Table Tops	21,500.00	13,000.00
Total	<u>\$ 578,500.00</u>	<u>\$ 763,000.00</u>
<u>Total All Contracts</u>	<u>\$8,678,370.00</u>	<u>\$10,603,500.00</u>

Funds for this project are provided from Item 315-043, H. B. 202, and a Public Health Service Grant.

C. Goss Laboratory - Manifold System Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(3 bids received 8-29-67)		
Julian Speer Company (Columbus)		
Base Bid	\$ 74,000.00	\$ 80,000.00
Alt. H-1 Emergency Generator	1,500.00	3,000.00
Total	<u>\$ 75,500.00</u>	<u>\$ 83,000.00</u>

September 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Goss Laboratory - Manifold System Remodeling (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(2 bids received 4-13-67)		
S & S Electric Company (Columbus)		
Base Bid	\$ 13,870.00	\$ 27,000.00
Alt. E-1B Emergency Generator	17,620.00	18,000.00
Total	<u>\$ 31,490.00</u>	<u>\$ 45,000.00</u>
 <u>Total All Contracts</u>	 <u>\$ 106,990.00</u>	 <u>\$ 128,000.00</u>

Funds for this project will be provided from Budget Account 121658.

D. Humanities Center - Foreign Language Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 8-30-67)		
Sheaf Construction Co. (Columbus)		
Base Bid	\$1,054,000.00	\$ 1,020,500.00
Alt. G-3 Sandblast Exterior Concrete Walls	2,500.00	2,500.00
Total	<u>\$1,056,500.00</u>	<u>\$ 1,023,000.00</u>
 <u>Plumbing Contract</u>		
(3 bids received 8-30-67)		
Piping Contractors Company (Columbus)		
Base Bid	\$ 83,404.00	\$ 78,800.00
Alt. P-1 Vacuum Cleaning System	5,349.00	6,000.00
Total	<u>\$ 88,753.00</u>	<u>\$ 84,800.00</u>
 <u>Heating, Ventilating, and Air Conditioning Contract</u>		
(2 bids received 8-30-67)		
Limbach Company (Columbus)		
Base Bid	<u>\$ 440,000.00</u>	<u>\$ 328,000.00</u>
 <u>Electrical Contract</u>		
(5 bids received 8-30-67)		
McCarty Brothers Electric Co. (Columbus)		
Base Bid	\$ 291,000.00	\$ 272,600.00
Alt. E-3 Conduit for Vacuum Cleaning System	810.00	1,500.00
Total	<u>\$ 291,810.00</u>	<u>\$ 274,100.00</u>
 <u>Total All Contracts</u>	 <u>\$1,877,063.00</u>	 <u>\$ 1,709,900.00</u>

September 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Humanities Center - Foreign Language Building (continued)

Funds for this project are provided from Item 044, H. B. 886, and a Title II Federal Grant.

All bids received are in excess of the estimates of cost and have been recommended for award subject to the approval of the State Controlling Board and the Director of Public Works whose opinion is that no better bids would be received if the project was readvertised.

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the above award of contracts and expenditure of funds were approved, and the action of the Vice President for Business and Finance was ratified by unanimous roll call vote.

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VII. CONTROLLING BOARD REQUESTS

Each numbered request accomplishes the following purpose:

- 26 Approves the transfer and release of \$39,475.00 from Item 016 Medical Complex to Item 052 Mental Retardation Center, H. B. 202, to provide funds for Stage II preliminary plans.
- 27 Authorizes the release of \$885,050.00 from Item 018, H. B. 202, to provide funds for contracts for the project "Lima Campus - Phase II."
- 28 Approves the amendment of previous request to provide funds for contracts for the project "Printing Facilities."

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Laboratory Animal Facility - Employment of Architects

On December 8, 1966, the Board of Trustees authorized the employment of Urban, Calabretta & Lewis to prepare schematic studies and drawings for this project to accompany an application for a Federal Grant.

President Fawcett recommended that their employment be extended to provide complete architectural and engineering services for the project, including preliminary plans, basic drawings, working drawings, specifications, estimate of cost, necessary bidding documents, and complete supervision of construction.

The fee for this work will be calculated at 6 per cent of the first \$1,000,000.00 and 5 1/2 per cent of all over the first \$1,000,000.00. This is an estimated fee of \$76,665.00 less the prior payment for schematics. Funds will be provided from B/A 801021.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

September 14, 1967 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Purchase of Buildings and Property, 199-203 West Tenth Avenue

Upon recommendation of the Finance and Investment Committee, the Vice President for Business and Finance has negotiated for the purchase of the following property from Leo Yassenoff at a price of \$42,500.00:

Property known as 199-203 West Tenth Avenue being
Lots 38 and 39, Elizabeth J. McMillen's University
Addition, City of Columbus, County of Franklin, State
of Ohio.

Funds are available in the Investment Portfolio for this purchase, and President Fawcett recommended that the action of the Vice President for Business and Finance be ratified and the purchase completed.

Upon motion of Mr. France, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

C. McCracken Power Plant - Additional Boiler and Remodeling
of Existing Boilers - Employment of Engineers

President Fawcett recommended that with the concurrence of the Director of Public Works the engineering firm of Moulenbelt and Seifert be employed to provide engineering services involved in the design and supervision of a new gas-fired package boiler and conversion of two existing powdered coal boilers to gas fuel with oil standby.

The fee for this service will be calculated at the rate of 6 3/4 per cent for the new boiler and 8 per cent for the remodeling work. Funds will be provided from Budget Account 801143.

Upon motion of Mr. Jones, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of David Rollin Dodd, Professor Emeritus in the Department of Agronomy. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. David Rollin Dodd

The Board of Trustees expresses its sorrow at the death on July 23, 1967, of David Rollin Dodd, Professor Emeritus in the Department of Agronomy.

Dr. Dodd was a native of Berkeley County, West Virginia. He was a graduate of Shepherd College and received his Bachelor of Science degree from West Virginia University and his Doctor of Philosophy degree from Cornell University.

September 14, 1967 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. David Rollin Dodd (continued)

From 1914 to 1919, he served as County Agricultural Extension Agent, first of Clay County and later of Mason County, West Virginia. In 1919, he joined the faculty of West Virginia University, and except for two years at Cornell University, served there until 1930 when he joined the faculty at The Ohio State University. He was also associated with the U. S. Department of Agriculture and was widely known as an authority on grasses and pastures. In 1952, he was named Deputy Economics Administrator for the Marshall Plan with headquarters in Paris, France. In this capacity, he assisted nineteen European countries on programs designed to increase their agricultural productivity. After returning to the United States and retiring from The Ohio State University in 1954, he devoted his principal attention to the development of Potomac Riverside Farm at Little Georgetown, West Virginia.

In 1958, he was named Director of Agricultural and Forestry Resources and Professor of Agriculture at Berry College, Mt. Berry, Georgia. After retiring from Berry College in 1960, he served as Technical Director of Darby Dan Farms, Columbus, Ohio. He returned to his permanent residence at Little Georgetown, West Virginia, late last year and at the time of his death was active as an agricultural consultant and President of Potomac Riverside Farms, Inc., the old Dodd home-stead at Little Georgetown, West Virginia.

Dr. Dodd was a Fellow of the American Society for the Advancement of Science and the American Society of Agronomy. He was a thirty-second degree Scottish Rite Mason and a member of Berkeley Lodge 37, A. F. A. M.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORTS

A. Reports from the Finance and Investment Committee

1. Investment Counsel - Termination of Services

Mr. Mervin France, Chairman of the Finance and Investment Committee, reported that the Committee unanimously recommends that the services of the firm of Scudder, Stevens and Clark, as investment counsel to the Board of Trustees, be terminated in accordance with the arrangement as approved by the Board of Trustees on February 11, 1965.

Upon motion of Mr. France, seconded by Mr. Jones, the recommendation was approved by unanimous roll call vote.

September 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

2. Report on the University's Investment Portfolio

The reports on the University's Investment Portfolio dated July 31, 1967 and August 31, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

3. Appropriations for University Administrative Officials

Mr. France moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to certain principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1967-68 be on the same basis as the appropriations for 1966-67: (1) to the President, \$7,500.00; (2) to each of the persons holding the following titles, \$1,000.00 - Vice President for Academic Affairs and Provost of the University; Vice President for Business and Finance; Vice President for Research; Vice President for Educational Services; Executive Dean for Student Relations; Executive Dean for Admissions and Registrations; Executive Director for University Relations; Executive Assistant to the President; and (3) an additional amount of \$1,000.00 to be allocated at the discretion of the President for such costs as may be incurred by the administrative officers as they, by direction, further the fiscal progress of the University.

The above motion was seconded by Mr. Jones and approved by unanimous roll call vote.

B. Distribution of Annual Reports

The following University annual reports were distributed to each member of the Board of Trustees, and the Secretary was instructed to file a copy of each report with the official records of the Board of Trustees.

1. Report of the President for 1966-67, entitled A Dynamic Existence.
2. The Financial Report of The Ohio State University and the Financial Report of The Ohio State University Endowment Funds for the fiscal year ending June 30, 1967.

C. Administrative Reports to the Board of Trustees by President Fawcett

1. Highlights of University Activities

President Fawcett reported to the Board of Trustees on some of the significant activities of the University since the last meeting of the Board. Some references included in the report, which is filed with the official records of the Board, were as follows:

September 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

C. Administrative Reports to the Board of Trustees by President Fawcett
(continued)

1. Highlights of University Activities (continued)

- a. The University will begin its 95th year of instruction September 27, 1967, with an anticipated grand total enrollment of 43,084. This includes estimates of 39,049 at the Columbus campus and 4,035 at branches and off-campus centers. Last autumn the grand total enrollment was 41,207, with 37,486 on the main campus and 3,721 at branches and centers.
- b. Ohio State ranked sixth in the nation in the production of teachers newly certified in 1966, according to the report of the American Association of Colleges for Teacher Education. The University produced 1,396 new teachers, to rank behind Indiana, which led with 1,959; Michigan State, Fresno State, Western Michigan, and the University of Puerto Rico.
- c. The University will replace its principal research and instructional computer during the next year. On order is a new and more powerful third-generation system, an IBM 360, to be installed in place of its present IBM 7094. Dr. Roy Reeves, Director of the Computer Center, indicates that the advantages of the new system would include higher-speed computing for long-running problems, use of more modern computer languages, larger storage capacity, and greater accessibility by students and faculty.
- d. The College of Medicine has concluded a contract with the U. S. Public Health Service's National Library of Medicine for initial support of \$50,585.00 for a computer-based medical information retrieval program. According to Dean Richard L. Meiling, the new facility will enable the College to serve as a resource for the State of Ohio for the growing amount of information in the health fields. The present volume of published scientific material creates an urgent need for more efficient retrieval of health information.
- e. Some 1,715 law alumni of the University now have received new juris doctor diplomas in place of the LL. B. degrees previously awarded.
- f. The Department of Aviation is conducting three research studies for the Federal Aviation Agency under contracts totaling over \$75,000.00. Mr. Jack J. Eggspuehler, Chairman of the Department, said the University won the contracts in competition with certified flying schools and other universities throughout the country.
- g. Scientists, engineers, and social scientists from a battery of Midwestern institutions, including Ohio State, have banded together to build a plan for attacking water-resource problems in the Great Lakes area.

September 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

C. Administrative Reports to the Board of Trustees by President Fawcett
(continued)

1. Highlights of University Activities (continued)

- h. Frederick G. Kilgour, Associate Librarian for Research and Development at Yale University, has been named Director of the new Ohio College Library Center based at Ohio State. The appointment was announced by A. Blair Knapp, President of Denison University and Chairman of a Committee of the Ohio College Association assigned the job of getting the Center under way.

2. Administrative Report

In a report to the Board, President Fawcett discussed administrative policy matters dealing with the following four principal categories:

- (a) The efficient management of existing resources
- (b) The need to achieve an increase in State appropriations
- (c) An enlarged effort to capture Ohio's share of Federal funds
- (d) The inevitable need for increased private, corporation, and foundation support.

The Secretary was instructed to file a copy of the above statement by the President with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Wednesday, October 11, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

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APPENDIX II

SCHEDULE OF STUDENT FEES, EFFECTIVE WINTER QUARTER, 1968

Adopted by Board of Trustees September 14, 1967
(See page 218)

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September 14, 1967 meeting, Board of Trustees

Schedule of Student Fees, Effective Winter Quarter, 1968

College or School	Instructional and General	Student Services	Resident Total	Out-of-State Tuition	Non- Resident Total
Agriculture and Home Economics	\$145	\$20	\$165	\$200	\$365
Arts and Sciences	145	20	165	200	365
Biological Sciences	145	20	165	200	365
Commerce and Administration	145	20	165	200	365
Education	145	20	165	200	365
Engineering	145	20	165	200	365
Graduate School	145	20	165	200	365
Dentistry	265	20	285	200	485
Dental Hygiene and Dental Laboratory Technology	193	20	213	200	413
Law	173	20	193	200	393
Medicine*	285	20	305	200	505
School of Allied Medical Services	145	20	165	200	365
School of Nursing	145	20	165	200	365
School of Optometry	183	20	203	200	403
Pharmacy	151	20	171	200	371
Veterinary Medicine	185	20	205	200	405
University Branches and Academic Center	145	20	165	200	365

*Pursuant to action of the Board of Trustees on January 14, 1965, third- and fourth year students enrolled in the Doctor of Medicine degree program of the College of Medicine are enrolled in a year-round program of courses and are assessed fees on an annual basis payable in two installments, June 15 and December 15. The annual rate for such resident students for the 1967-68 academic year shall be \$915.00 for resident students and \$1,515.00 for nonresident students.

Part-time students (those enrolled for six or less credit hours or enrolled for one term of a Summer Quarter), shall be assessed one-half of the full fees to the next even dollar amount; i. e., \$83.00 for Ohio residents enrolled in undergraduate college programs and \$183.00 for nonresident students enrolled in undergraduate programs.

All other fees previously approved by the Board of Trustees shall remain unchanged.

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-FOURTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 11, 1967

The Board of Trustees met at its regular monthly meeting on Wednesday, October 11, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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October 11, 1967 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Academic Reorganization of the University

While the structure of an institution guarantees neither success nor failure, it should facilitate success. With this in mind, the academic structure of the University has been studied with some regularity over the past twenty years. These studies have now resulted in an academic reorganization plan which was approved by the Faculty Council on October 3, 1967, following recommendations submitted to the Council by Vice President Corbally on behalf of the faculty Council on Academic Affairs:

The proposal is designed to meet several objectives:

1. the development of college units which can react with some consistency and rapidity to changing academic needs and requirements;
2. the grouping of academic departments into college units on the basis of academic relationships;
3. the provision of an effective faculty base for the design and implementation of academic programs in the broad arts and sciences area; and
4. the development of coordinating mechanisms to assist colleges and departments in the planning and offering of multidisciplinary academic programs.

The major elements of the reorganization plan are:

1. the creation of a unit to be known as the Colleges of the Arts and Sciences to include the existing College of Biological Sciences and University College and the following new colleges--the College of the Arts, the College of Humanities, the College of Mathematics and Physical Sciences, and the College of Social and Behavioral Sciences;
2. the creation of a College of Administrative Science and a College of Optometry to design and coordinate specialized professional academic programs;

October 11, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATION (continued)

A. Academic Reorganization of the University (continued)

3. the creation of a Faculty of the Arts and Sciences to have jurisdiction over academic programs leading to the "untagged" baccalaureate degrees and over basic education programs for the Colleges of the Arts and Sciences;
4. the creation of a position--Dean for Undergraduate Programs in the Colleges of the Arts and Sciences--to coordinate certain specified activities of the Colleges;
5. the redefinition of a School to clarify the distinctions between a School and a Department; and
6. the assignment of existing Departments and Schools to Colleges within the new structure.

President Fawcett recommended that this plan of academic reorganization be approved, effective January 1, 1968; and that the Secretary of the Board be directed to correct and reprint the Rules for the University Faculty and the By-Laws of the Board of Trustees to include the specific changes as approved by the Faculty Council, recorded in the document identified as "Changes in Rules for the University Faculty Resulting from Academic Reorganization," and filed with the official records of the University.

Upon motion of Mr. Jones, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the September 14, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Appointments, Leaves of Absence Without Salary, and Emeritus Title:

A. Appointments

Frank Batley, Professor, Department of Radiology, effective September 25, 1967, at a salary of \$25,368.00 per annum.

David Herman Boyne, Professor and Chairman (part time - 51%), Department of Agricultural Economics and Rural Sociology, and Professor (part time - 18%), Cooperative Extension Service, effective November 1, 1967, at a salary of \$13,968.00 per annum. Dr. Boyne will hold a joint appointment for the remaining 31% time with the Ohio Agricultural Research and Development Center.

October 11, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments (continued)

Ira W. Deep, Professor and Chairman (part time - 48%), Department of Plant Pathology, and Professor (part time - 16%), Cooperative Extension Service, effective January 1, 1968, at a salary of \$12,168.00 per annum. Dr. Deep will hold a joint appointment for the remaining 36% time with the Ohio Agricultural Research and Development Center.

B. Leaves of Absence Without Salary

Bernard Mehl, Professor, School of Education, effective October 1, 1967 through June 30, 1968, to serve as a Visiting Professor at the University of Hawaii.

Mohammed Yaqub, Associate Professor, Department of Physics, effective October 1, 1967 through September 30, 1968, to engage in research and teach at Stevens Institute of Technology, Hoboken, New Jersey.

Jacoba C. deNeef, Assistant Professor, Department of Obstetrics and Gynecology, effective July 1, 1967 through September 30, 1967, to continue teaching and research in Rotterdam, The Netherlands.

Mohammad Haseeb Rizvi, Assistant Professor, Department of Mathematics, effective January 1, 1968 through June 30, 1968, to engage in research at Stanford University.

John A. Shadduck, Assistant Professor, Department of Veterinary Pathology, effective October 1, 1967 through June 30, 1968, to pursue an educational program in Germany.

Ethelrine Shaw, Assistant Professor, School of Nursing, effective September 10, 1967 through September 16, 1967, for personal reasons.

G. Wayne Burkhart, Instructor (County Extension Agent, Agriculture), effective October 1, 1967 through June 30, 1968, to participate in a program of professional improvement at The Ohio State University.

October 11, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Emeritus Title

Charles W. Pavey, Department of Obstetrics and Gynecology, with the title Clinical Professor Emeritus, effective September 1, 1967.

Upon motion of Mr. France, seconded by Dr. Thomas, the Appointments, Leaves of Absence Without Salary, Emeritus Title, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting:

1. Government Contracts - Federal

- a1. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Initiation of Activity in Smooth Muscle (to be known as National Institutes of Health Project No. 874-I - Ext. #9 - Department of Physiology).
Gross Value - \$16,705.00.
- a2. Department of Navy, Office of Naval Research, Washington, D. C., Conducting a Course of Instruction in Navy Price Analysis (to be known as Office of Naval Research Project No. 1086 - Amend. #15 - College of Commerce and Administration, Continuing Education).
Gross Value - \$90,745.00.
- a3. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Cooperative Study of Renovascular Hypertension (to be known as National Institutes of Health Project No. 1346-F - Ext. #6 - Department of Surgery).
Gross Value - \$10,003.00.

October 11, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a4. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ligand Reactions and Homogeneous Groups (to be known as National Institutes of Health Project No. 1501-E - Ext. #5 - Department of Chemistry).
Gross Value - \$90,824.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575-D - Sup. #3 - Division of Biophysics).
Gross Value - \$3,332.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as National Institutes of Health Project No. 1640-D - Ext. #4 - Department of Chemistry).
Gross Value - \$22,430.00.
- a7. National Aeronautics and Space Administration, Washington, D. C., Spacecraft Antenna Problems (to be known as National Aeronautics and Space Administration Project No. 1691 - Sup. #4 - Department of Electrical Engineering).
Gross Value - \$45,000.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Factors Controlling Testicular Tissue (to be known as National Institutes of Health Project No. 1786-D - Ext. #4 - Department of Dairy Science).
Gross Value - \$32,548.00.
- a9. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemo- and Radiotherapy Treatment of Bladder Cancer (to be known as National Institutes of Health Project No. 1806-D - Ext. #4 - Department of Surgery).
Gross Value - \$29,469.00.
- a10. National Aeronautics and Space Administration, Washington, D. C., A Study of Continuum Vibrations (to be known as National Aeronautics and Space Administration Project No. 1986 - Amend. #2 - Department of Engineering Mechanics).
Gross Value - \$58,865.00.

October 11, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a11. National Aeronautics and Space Administration, Washington, D. C., Cardiovascular Responses to Environmental Vibrations (to be known as National Aeronautics and Space Administration Project No. 2045 - Sup. #2 - Department of Preventive Medicine). Gross Value - \$20,000.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Polyfunctional Catalysis (to be known as National Institutes of Health Project No. 2078-B - Ext. #2 - Department of Chemistry). Gross Value - \$31,758.00.
- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085-A - Ext. #1 - Department of Pharmacology). Gross Value - \$1,312.00.
- a14. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as National Institutes of Health Project No. 2085-B - Ext. #2 - Department of Pharmacology). Gross Value - \$29,556.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effect of Diffusion Coefficients on Drug Absorption (to be known as National Institutes of Health Project No. 2089-B - Ext. #2 - College of Pharmacy). Gross Value - \$7,130.00.
- a16. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Research on Stress Deflection Analysis of Fibrous Composite Materials Under External Loading (to be known as Systems Engineering Group, Research and Technology Division Project No. 2132 - C. O. #4 Department of Engineering Mechanics). Gross Value - \$17,000.00.
- a17. Department of Navy, Office of Naval Research, Washington, D. C., In vivo Effects of Oxygen (and Varying Mixtures) at Hypo-, Iso-, and Hyperbaric Pressures on Erythrocytes and Brain (to be known as Office of Naval Research Project No. 2136 - Amend. #2 - Department of Medicine). Gross Value - \$17,307.00.

October 11, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a18. Air Force Systems Command, Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Ion Sheath Propagation Studies (to be known as Air Force Systems Command Project No. 2146 - C. O. #2 - Department of Electrical Engineering). Gross Value - \$99,960.00.
- a19. Department of State, Agency for International Development, Washington, D. C., Human Resource Development Planning (to be known as Agency for International Development Project No. 2176-A - Amend. #2 - Department of Economics). Gross Value - \$218,019.00.
- a20. National Aeronautics and Space Administration, Washington, D. C., Nonparametric Ranking and Selection Procedures (to be known as National Aeronautics and Space Administration Project No. 2241 - Sup. #1 - Department of Mathematics). Gross Value - \$11,711.00.
- a21. Department of State, Agency for International Development, Washington, D. C., Human Resource Development Training Seminar for AID Human Resources Officers (to be known as Agency for International Development Project No. 2268 - Amend. #1 - Department of Economics). Gross Value - \$36,813.00.
- a22. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2297 - Ext. #1 - Department of Veterinary Pathology). Gross Value - \$1,000.00.
- a23. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Gas Solubilities in Selected Solvents and Solutions (to be known as National Institutes of Health Project No. 2298-A - Ext. #1 - Department of Chemistry). Gross Value - \$28,497.00.
- a24. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Quantitation of Blood Cell Flow in Single Capillaries (to be known as National Institutes of Health Project No. 2305-A - Ext. #1 - Department of Physical Medicine). Gross Value - \$26,784.00.

October 11, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a25. Air Force Systems Command, Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Low Profile Antenna (to be known as Air Force Systems Command Project No. 2341 - C. O. #1 - Department of Electrical Engineering).
Gross Value - \$35,000.00.
- a26. U. S. Department of Transportation, Federal Highway Administration, Washington, D. C., Vehicle Rear Lighting Systems (to be known as U. S. Department of Transportation Project No. 2475 - New - Engineering Experiment Station).
Gross Value - \$64,553.00.
- a27. Department of Health, Education, and Welfare, Public Health Service, National Center for Chronic Disease Control, Arlington, Virginia, Primary Prevention of Coronary Heart Disease (to be known as National Center for Chronic Disease Control Project No. 2511 - New - Department of Preventive Medicine).
Gross Value - \$71,795.00.
- a28. National Aeronautics and Space Administration, Washington, D. C., Data Analysis of Geodetic Satellite (to be known as National Aeronautics and Space Administration Project No. 2514 - New - Department of Geodetic Science).
Gross Value - \$64,000.00.
- a29. U. S. Army Medical Research and Development Command, Washington, D. C., Factors Affecting Erythrocyte Destruction in Malaria (to be known as U. S. Army Medical Research and Development Command Project No. 2515 - New - Department of Microbiology).
Gross Value - \$13,603.00.
- a30. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Structural Investigations on Mucopolysaccharides (to be known as National Institutes of Health Project No. 2516 - New - Department of Chemistry).
Gross Value - \$21,678.00.
- a31. Air Force Office of Scientific Research, Arlington, Virginia, Allocation of Resources in a Multiman-Machine System Simulation (to be known as Air Force Office of Scientific Research Project No. 2517 - New - Department of Psychology).
Gross Value - \$40,007.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a32. Department of Health, Education, and Welfare, Public Health Service, National Heart Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as National Heart Institute Project No. 2518 - New - Department of Physiology).
Gross Value - \$500.00.
- a33. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2519 - New - Department of Surgery).
Gross Value - \$1,000.00.
- a34. Department of Navy, Naval Air Systems Command, Washington, D. C., Reactive-Wall Reflector for 9 mm Microwave Operation (to be known as Naval Air Systems Command Project No. 2521 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- a35. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., The Efficacy of Home Economics Courses Designed to Prepare Disadvantaged Pupils for Their Homemaker-Family Member Role and the Dual Roles of Homemaker and Wage Earner, Part C (to be known as Office of Education Project No. 2522 - New - School of Home Economics).
Gross Value - \$15,000.00.
- a36. Department of Health, Education, and Welfare, Public Health Service, National Heart Institute, Bethesda, Maryland, Interactions of Adrenergic Blockers (to be known as National Heart Institute Project No. 2523 - New - College of Pharmacy).
Gross Value - \$6,957.00.
- a37. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, S-A Ventricular Conduction (to be known as National Institutes of Health Project No. 2524 - New - Department of Veterinary Physiology).
Gross Value - \$10,358.00.
- a38. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as National Institutes of Health Project No. 2525 - New - Department of Pathology).
Gross Value - \$18,890.00.

October 11, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a39. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies of Erythropoiesis (to be known as National Institutes of Health Project No. 2527 - New - Department of Medicine).
Gross Value - \$43,348.00.
- a40. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Geography (to be known as National Science Foundation Project No. 2528 - New - Department of Geography).
Gross Value - \$1,200.00.
- a41. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies in Iron-Containing Enzymes (to be known as National Institutes of Health Project No. 2529 - New - Department of Medicine).
Gross Value - \$18,528.00.
- a42. National Science Foundation, Washington, D. C., Physiological Studies of Antarctic Mosses (to be known as National Science Foundation Project No. 2530 - New - Institute of Polar Studies).
Gross Value - \$53,000.00.
- a43. National Science Foundation, Washington, D. C., Imperfections and Properties of Single Crystal Beryllium (to be known as National Science Foundation Project No. 2531 - New - Department of Mechanical Engineering).
Gross Value - \$29,400.00.

TOTAL - Government Contracts - Federal \$1,475,585.00

2. Industrial and Other Contracts

- a1. Alloy Casting Institute, New York, New York, Investigation of Cast Corrosion (to be known as Alloy Casting Institute Project No. 350 - Amend. #19 - Engineering Experiment Station).
Gross Value - \$22,000.00.
- a2. American Heart Association, New York, New York, Heart Research (to be known as American Heart Association Project No. 1898 - Renewal - Department of Physiological Chemistry).
Gross Value - \$1,000.00.

October 11, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a3. National Education Association, Washington, D. C. , Language Instruction for the Deaf (to be known as National Education Association Project No. 2096-B - Ext. #2 - Department of Speech).
Gross Value - \$54,545.00.
- a4. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, A Short Range Study of Spiking in Electron Beam Welding of Depleted Uranium (to be known as Union Carbide Corporation Project No. 2199 - Amend. #3 - Department of Welding Engineering).
Gross Value - \$13,720.00.
- a5. University of Alabama, Huntsville Campus, Huntsville, Alabama, Seminar for Space Systems (to be known as University of Alabama Project No. 2465 - Renewal - Defense Management Center).
Gross Value - \$2,180.00.
- a6. Battelle Memorial Institute, Columbus, Ohio, Freshwater Ecology of Amchitka (to be known as Battelle Memorial Institute Project No. 2509 - New - Institute of Polar Studies).
Gross Value - \$23,177.00.
- a7. Northwestern Ohio Heart Association, Inc. , Toledo, Ohio, Behavior of Arterial Vessels in vivo (to be known as Northwestern Ohio Heart Association, Inc. , Project No. 2513 - New - Department of Surgery).
Gross Value - \$5,500.00.
- a8. Petroleum Research Fund, American Chemical Society, Washington, D. C. , Fast Reaction Studies of Elementary Reactions in Organic Liquids (to be known as Petroleum Research Fund Project No. 2520 - New - Department of Chemistry).
Gross Value - \$40,000.00.

TOTAL - Industrial and Other Contracts \$162,122.00

The foregoing fifty-one contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,637,707.00.

Upon motion of Mr. Hilliker, seconded by Mr. France, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

October 11, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contract from the Engineering Experiment Station

During the period from August 25, 1967 through September 25, 1967, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and record:

1. Industrial Research Contract

EES 305X Foundry Use of Sonic Power, Sonic Motors, Inc.,
Columbus, Ohio.
Gross Value - \$20,700.00.

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IV. GRANTS AND GIFTS

The following gifts to the University were among those received since September 14, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors:

A. Received Through the Development Fund

1. \$23,000.00 from the Ohio Lions Club for the Ohio Lions Club Blindness Research Fund.
2. \$15,000.00 from the International Brotherhood of Electrical Workers for the Industrial Arts Visual Aids Fund.
3. \$14,000.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
4. \$7,800.00 from the United States Steel Foundation, Inc., 71 Broadway, New York, New York, for the United States Steel Foundation Fellowship Fund.
5. \$7,000.00 from The Rockefeller Foundation, New York, New York, for support of the Rockefeller Foundation Fellows and Scholars.
6. \$6,000.00--\$5,000.00 from Mrs. William H. Havener and \$1,000.00 from Dr. Robert H. Magnuson for the establishment of The Ohio State University College of Medicine Ophthalmologic Center.

The Ohio State University College of Medicine Ophthalmologic Center

For the purpose of the establishment, construction, and maintenance of a facility to be known as "The Ohio State University College of Medicine Ophthalmologic Center," a fund has been established through The Ohio State University Development Fund to receive gifts, bequests, grants, etc., from interested individuals.

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

6. The Ohio State University College of Medicine Ophthalmologic Center (continued)

The principal and all gifts are to be invested under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as the occasion dictates. The purpose of this fund is to provide all or a portion thereof, of the costs of developing, building, equipping, and maintaining a complete ophthalmologic center at the College of Medicine of The Ohio State University. This center is intended to be a teaching facility for medical personnel and students at all levels, to further the effective advancement of knowledge through applied and basic research, and to provide the necessary clinical facilities for the teaching and improvement of methods of eye care. It is anticipated that these facilities will be comparable to the best in the country.

Accrued interest is to be added to the principal until such time as expenditures are required to fulfill the purposes for which this fund is established. At this time, both accrued interest and principal may be used. Expenditures from this fund are to be made following normal University procedures, but must be approved by a committee appointed by the Dean of the College of Medicine and consisting of the Chairman of the Department of Ophthalmology and three ophthalmologists recommended by the Chairman of the Department of Ophthalmology from the faculty of that Department. Appointment to the committee will be by the Dean of the College of Medicine and the committee will report to the Dean. The recommendations of this committee will be subject to the approval of the Dean of the College of Medicine.

7. \$5,300.00 from American Oil Foundation for the American Oil Foundation Fellowship in the Department of Chemistry.
8. \$5,000.00 from Bethlehem Steel Corporation for the Bethlehem Steel Corporation Research Fund in Metallurgical Engineering.
9. \$5,000.00 from Union Carbide Corporation for the Department of Metallurgical Engineering Equipment and Travel Fund.
10. \$4,000.00 from North Central Breeders Research Council for the North Central Breeders Research Council Fund.
11. \$3,000.00 from Miss Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
12. \$3,000.00 from The Upjohn Company for the Upjohn Fellowship in Pharmaceutical Chemistry.
13. \$2,912.83 from Rochdale Student Cooperative, Inc., for the Pinedale-Rochdale Student Fund.

October 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

14. \$2,200.00 from the Charles Y. and Frances N. Lazarus Foundation--
\$1,700.00 for the Graduate Business Programs Fund and \$500.00
for the Charles Y. Lazarus Tuition Fund.
15. \$2,076.17 from Ullery, Vorys, Teteris, Neri & Associates, Inc.,
for the Medical Research Consultants Fund.
16. \$1,505.00 from Mrs. A. B. (Dolly) Cohen for furnishings in a regular
guest room in the Center for Tomorrow.
17. \$1,500.00 from the Griffith Foundation for Insurance Education for
the Charles W. Griffith Memorial Fund.
18. \$1,000.00 from Harold F. Zieg for the Department of Athletics
Discretionary Fund.
19. \$1,000.00 from The Scripps-Howard Foundation for the Scripps-
Howard Foundation Scholarship Fund.
20. \$1,000.00 from Herbert W. Salter, Sr., M.D., for the Herbert W.
Salter Fund for Family Medical Care.

TOTAL - Received Through the Development Fund \$111,294.00

B. Gift-in-Kind

1. A self-propelled irrigation system from Valmont North Central, Inc.,
for use in the College of Agriculture and Home Economics.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the acceptance of the above gifts and the establishment of The Ohio State University College of Medicine Ophthalmologic Center Fund were approved by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In August, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	430	\$ 35,460.46
Individuals other than alumni	107	13,712.36
Nonprofit organizations	28	62,439.22
Business concerns	<u>18</u>	<u>34,633.81</u>
	583	\$146,245.85

October 11, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund (continued)

Of these gifts, 294 totaling \$4,155.50 were undesignated and 289 totaling \$142,090.35 were designated.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Upham Hall Remodeling (Child Psychiatry Clinic)

This project will provide a child psychiatry out-patient clinic in Upham Hall by remodeling the present in-patient area.

Funds will be provided from Budget Account 801116.

Upon motion of Dr. Thomas, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. McCracken Power Plant - Conversion of No. 5 Boiler to Gas

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 9-20-67)		
The Gurina Company (Columbus)	\$ 52,485.00	\$ 63,600.00

Funds for this project are provided from Budget Account 801084 and Budget Account 121658.

October 11, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Fuel Oil System Remodeling - McCracken Power Plant

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 9-29-67)		
Pence Electric Company (Columbus)	\$ 23,942.00	\$ 30,085.00
<u>Mechanical Contract</u> (4 bids received 9-29-67)		
Pence Electric Company (Columbus)	49,000.00	49,835.00
<u>Electrical Contract</u> (3 bids received 9-29-67)		
American Electric Works, Inc. (Columbus)	8,800.00	12,050.00
<u>Total All Contracts</u>	<u>\$ 81,742.00</u>	<u>\$ 91,970.00</u>

Funds for this project will be provided from Budget Account 801103.

C. Dodd Hall Addition

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 9-12-67)		
Wagenbrenner Construction Co. (Columbus)	\$ 979,500.00	\$ 796,613.00
<u>Plumbing Contract</u> (2 bids received 9-12-67)		
Bruner Corporation (Columbus)	133,569.00	125,000.00
<u>Mechanical Contract</u> (2 bids received 9-12-67)		
Limbach Co. (Columbus)	428,000.00	350,497.00
<u>Electrical Contract</u> (4 bids received 9-12-67)		
S & S Electric Co. (Columbus)	136,570.00	144,390.00

October 11, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Dodd Hall Addition (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Food Service Equipment Contract</u> (3 bids received 9-12-67)		
Louis R. Polster Co. (Columbus)	\$ 14,709.00	\$ 24,500.00
<u>Total All Contracts</u>	<u>\$1,692,348.00</u>	<u>\$1,441,000.00</u>

Funds will be provided from Item 054, H. B. 886, and a Public Health Service Grant.

Upon motion of Mr. France, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VII. CONTROLLING BOARD APPROVALS

Each numbered request accomplishes the following purpose:

University Requests

- 29 Approves the transfer of \$3,385,600.00 from Item 034 Special Research Facilities to Item 046 Horticulture, Forestry, and Food Technology Facility, H. B. 949, so that funds will be available for construction and further approves the award of those contracts where bids were higher than the estimates of cost.
- 1 Approves the expenditure of \$107,419.00 from Item 015 College of Medicine - Land, H. B. 886.
- 2 Approves the release of \$90,231.00 from Item 018 Lima Branch, H. B. 886, for road improvements.
- 3 Approves the release of \$1,794.00 from Item 019, H. B. 886, Mansfield Branch for equipment and contingencies.
- 4 Approves the release of \$3,481.00 from Item 028, Veterinary Clinic and Hospital, H. B. 886, to provide funds for planning.
- 5 Approves the release of \$42,260.00 from Item 031 Biological Sciences, H. B. 886, to provide funds for planning.
- 6 Approves the transfer and release of \$63,627.00 from Item 033 Improvements, Equipment, and Contingencies to Item 007 Engineering Classrooms and Laboratories, H. B. 886, for movable equipment and contingency funds.
- 7 Transfers and releases \$8,474.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 010 Chemistry Research Facilities, H. B. 886.

October 11, 1967 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS (continued)

- 8 Transfers and releases \$81,157.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 011 Electronics Laboratories, H. B. 886.
- 9 Transfers and releases \$153,736.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 012 Systems Engineering Building, H. B. 886.
- 10 Transfers and releases \$6,404.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 014 Pharmacy Building, H. B. 886.
- 11 Transfers and releases \$70,000.00 from Item 033 Improvements, Equipment, and Contingencies, to Item 041 School of Nursing, H. B. 886.
- 12 Transfers \$376,916.00 from Item 003 Improvements, Equipment, and Contingencies, to Item 048 Medical Center Utilities, H. B. 886.
- 13 Transfers and releases \$70,000.00 from Item 033 Improvements, Equipment, and Contingencies to Item 053 Roadway, River Dormitories to King Avenue, H. B. 886, to provide funds for this project.
- 14 Approves the release of \$609,650.00 from Item 034 Special Research Facilities, H. B. 886, for the purchase of land for the Transportation Research Center.
- 15 Transfers and releases \$554.00 from Item 034, H. B. 886, to Item 046 Horticultural and Forestry Building, H. B. 886, to correct an error in the appropriation bill.
- 16 Approves the release of \$420,367.00 from Item 037 General (University) College, Building #1, H. B. 886, for equipment and contingencies.
- 17 Releases \$3,629.00 from Item 039 Newark Branch, H. B. 886, for equipment and contingencies.
- 18 Releases \$34,586.00 from Item 044 Humanities - Language Building, H. B. 886, for fees, contingencies, and miscellaneous charges.
- 19 Releases \$16,556.00 from Item 045 Humanities - Speech Building, H. B. 886, for fees, contingencies, and miscellaneous charges.
- 20 Releases \$271,894.00 from Item 046 Horticultural and Forestry Building, H. B. 886, for equipment and contingencies.
- 21 Releases \$745.00 from Item 054 Dodd Hall Addition, H. B. 886, for fees and miscellaneous charges.
- 22 Transfers and releases \$25,131.00 from Item 005 Wright State University Improvements, Equipment, and Contingencies, to Item 017 The Ohio State University Dayton Branch, Phase II, H. B. 886.

October 11, 1967 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS (continued)

- 23 Approves the award of contracts without further competitive bidding for Medical Center Utilities; transfers \$298,633.00 from Item 016 Medical Complex and \$336,367.00 from Item 043 Basic Science Medical to Item 048 Medical Center Utilities, H. B. 886; and releases \$1,011,916.00 to provide funds for contracts.
- 24 Approves the release of \$5,445,753.00 from Item 043 Basic Science - Medical, H. B. 886, to provide funds for contracts.

Ohio Board of Regents Requests

- 47 Transfers and releases \$144,662.00 from Item 004 Technical Institutes to Item 051 The Ohio State University - General (University) College Building #2, to provide funds for architectural services.
- 49 Approves the transfer and release of \$3,441,530.00 from Item 004 Technical Institutes to Item 037 The Ohio State University - General (University) College, H. B. 949, and approves the award of contracts without further competitive bidding.
- 1 Approves the transfer and release of \$65,806.00 from Item 008 Ohio Board of Regents to Item 039 Ohio State University - Newark Branch, H. B. 886.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Transportation Research Center Management

President Fawcett presented the following resolution:

WHEREAS, the Board of Trustees has authorized the acquisition of property for the Transportation Research Center at its meeting of November 10, 1966; and

WHEREAS, sufficient land has been purchased to require management prior to and after construction of research facilities;

NOW, THEREFORE, BE IT RESOLVED that the Engineering Experiment Station is hereby authorized to manage the acreage, under the advice and direction of the University's Office of Business and Finance. Funds resulting from the land operation are to be deposited in the University Treasurer Operating Fund to be used in the development of the Transportation Research Center.

Upon motion of Mr. Jones, seconded by Dr. Thomas, the above resolution was adopted by unanimous roll call vote.

October 11, 1967 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Transportation Research Center, Property Acquisition

President Fawcett presented the following resolution:

WHEREAS, the Board of Trustees has authorized the acquisition of property for the Transportation Research Center at its meeting of November 10, 1966; and

WHEREAS, sixty-eight per cent (68%) of the acreage within the Transportation Research Center has been negotiated, petitioned for appropriation, or purchased;

NOW, THEREFORE, BE IT RESOLVED that the Office of Business and Finance will proceed to complete those property transactions which would result in acquiring properties in the center section and in the northwest triangle to complete a contiguous land area functionally usable for Transportation Research purposes by the Engineering Experiment Station, within the limits of the \$2,000,000 budget; and

BE IT FURTHER RESOLVED that the Office of Business and Finance will proceed to negotiate, if possible, within the \$2,000,000 budget, two-year options with an additional two-year renewal right on all properties located in the upper northeast corner, east of the line running north to south along the east line of the Barrett, No. 39, Moore, No. 40, Devault, No. 41, Johnston, No. 51, and Comstock, No. 55, properties, plus the remaining properties located in the extreme southeastern portion, all of these being within the area of the Transportation Research Center.

Upon motion of Mr. France, seconded by Dr. Thomas, the above resolution was adopted by unanimous roll call vote.

C. Marion Campus, Easement for Ohio Edison Company

The Ohio Edison Company has requested a pole line easement on State of Ohio lands that have been designated for the use of The Ohio State University Marion Branch. The pole line will provide electricity to the Marion Campus.

President Fawcett recommended that a pole line easement, within the existing 10' easement previously granted to the General Telephone Company, be granted to the Ohio Edison Company. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide electric service to the Marion Campus.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendations were approved by unanimous roll call vote.

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Charles E. Dryden, Professor in the Department of Chemical Engineering. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. Charles E. Dryden

The Board of Trustees expresses its sorrow at the death on September 23, 1967, of Charles E. Dryden, Professor in the Department of Chemical Engineering.

Dr. Dryden was born in Hagerstown, Maryland, on October 15, 1917. He received his B.Ch.E. degree from Drexel Institute of Technology in 1939, his M.Sc. degree from Princeton University in 1942, and his Ph.D. degree from The Ohio State University in 1951. After he received his degree from Princeton, he worked as a chemical engineer at the Silmo Corporation, M. W. Kellogg Co., Nopco Chemical Corporation, General Electric Nuclear Division, E. I. DuPont deNemours, and Battelle Memorial Institute.

Dr. Dryden had a very colorful career as a chemical engineer in industry and as a teacher. He joined the faculty at The Ohio State University in the Department of Chemical Engineering in 1955.

Dr. Dryden was a member of the American Institute of Chemical Engineers, American Society of Engineering Education - Nuclear Division, and American Chemical Society. He served on many important national committees of the American Institute of Chemical Engineers.

The Distinguished Alumni Award was presented to Dr. Dryden by Drexel Institute at their 75th Anniversary. He was elected to all the honorary societies involving chemical engineering and chemistry. He was chosen to give the A. S. Mudlair Lectures at the University of Madras, India. In competition with over 100 engineers from the State of Ohio, he received the highest grade for chemical engineering in the professional engineer's examination in 1950.

Dr. Dryden was chosen to head the chemical engineering department at the Indian Institute of Technology, Kanpur, India. This appointment was in connection with the Kanpur Indo-American program which is a group effort of a consortium of nine universities. The Ohio State University is one of the nine. During his stay in India he authored the book, Outline of Chemical Technology, in 1964. This book was revised and finally published in hard back cover form. The book was adopted by many schools in India and it is now in its second printing. The royalties from this book were donated to the University for undergraduate scholarships and a design award which is awarded to the two best design solutions for students in the fifth year. The award is now known as the "Dr. Dryden Design Award."

October 11, 1967 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Charles E. Dryden (continued)

Dr. Dryden was one of the country's outstanding engineers and as a teacher he did a magnanimous job. He enjoyed a close personal relationship with all of his students and left an imprint on all of them. He has over fifty publications including four books. He has been granted four patents.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORTS

A. Report from the President

President Fawcett presented the following statement relating to the labor relations problem with the American Federation of State, County and Municipal Employees, Local 138:

As members of the Board know, The American Federation of State, County and Municipal Employees, Local 138, struck the University on Thursday morning, October 5, 1967. The strike ended on Monday, October 9, 1967.

Prior to, during and following the strike the University received full and complete support from the Office of the Attorney General, through its Special Legal Counsel, Mr. Huntington Carlile, who sat with representatives of the University and representatives of the Union in a long series of discussions that were designed to avert the kind of disruption the University experienced during the period indicated above.

In a final effort to avert the strike, the University invited the Union on September 28, to discuss further those matters which appeared to be critical in the minds of Union leadership which was representing about 1,600 or 1,700 University employees out of 6,760 classified and equivalent people.

While the Union first declined our invitation, it was agreed later that the two groups would convene on Wednesday, October 4, with the understanding that our representatives would be accompanied by Vice Presidents Corbally and Carson, who would be available to explain in depth University budgeting procedures and such other matters as might lead to resolution of those problems that the Union felt were unresolved. On the morning of October 4, the University representatives proceeded in good faith to explain University budgeting procedures and expressed a willingness to

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the President (continued)

continue these discussions as long as needed. The meeting recessed until 2:00 o'clock in the afternoon, during which period University representatives put together the substance of a proposal that it intended to develop in the interest of all University employees. When the group reconvened in the afternoon, Union representatives indicated that the settlement achieved at Ohio University represented their minimum demands and that these demands were not subject to any further modification. Briefly stated, these demands consisted of a one-step salary increase, effective January 1, 1968, free parking, free meals for food service employees, Blue Cross-Blue Shield benefits effective January 1, 1968, and final and binding arbitration as a part of a grievance procedure. If the University had granted this request, the cost for classified and equivalent employees on the one-step basis would have been approximately \$3.9 million, an amount of money not available within the context of this institution's resources during the 1967-68 fiscal year.

University representatives reported that they had returned to the discussion table with a proposal that was permissible within the limits of the Attorney General's Opinion 67-087 and limited available resources.

Union representatives listened to the University proposal which included group life insurance, accidental death and dismemberment and major medical insurance, a revision in the University's grievance procedures to accommodate some of the requests made by the Union but which were within the context of the meaning of the Attorney General's Opinion and an opportunity to conduct a wage and salary study that could lead to the elimination of certain inequities and that could be funded within the limits of available resources.

The Union representatives refused to discuss our proposal, left the room and announced that the strike would begin at 12:01 A. M. on October 5 as planned.

On the morning of October 5, 1967, the University, upon the advice of legal counsel, proceeded to take such legal steps as necessary and did indeed get a mandatory injunction directing the Union to terminate the strike and ordering the employees to return to work. The Union decided to defy the Court Order and appealed the decision to the Franklin County Court of Appeals whereupon the Attorney General's Office of Ohio secured a Writ of Prohibition on Saturday, October 7, and plans were made to press in the Common Pleas Court contempt charges at 1:30 P. M. on Monday, October 9.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the President (continued)

For reasons that are too long to enumerate here, the University decided on Saturday, October 7, to explore the possibilities of having its representatives meet again with the representatives of the Union to examine in greater depth the nature of the proposal that University representatives had hoped could be discussed on Wednesday, October 4, when the Union broke off the discussions. The invitation was accepted and University representatives met again with Union representatives on Sunday evening, October 8, out of which discussions evolved the termination of the strike.

Let me summarize the discussions:

The University will amend the University grievance procedure that applies to all employees so that union employees and all employees can have representation at all levels. Arbitration of an advisory nature is to be a fifth step in the six-step procedure for resolving grievances, but arbitration is not binding nor can a union speak for anyone other than the members of its organization. Additionally, the University will, under reasonable rules and limitations for the number of people and the hours spent, pay for the time spent in processing and handling grievances.

There is to be no change in fees charged for parking, but the University will discuss with the Union and other groups on this campus, as it always does, any proposed increase in parking fees.

In accordance with HB 470 that has been effective since September 15, 1967, the University is pledged to extend its group life insurance, accidental death and dismemberment insurance and major medical insurance to all employees along the same lines as it has provided for its professional staff in the past. This change should be effective at the earliest possible date and will be funded this year through a reduction in University wide equipment allocations.

Since major medical insurance does not always provide adequate protection for employees in the lowest salary and wage classifications, the University will provide Blue Cross and Blue Shield for all employees of the University, including members of the Union, if the rate of pay of the employee is less than \$5,000 per year. This change will be effective July 1, 1968, when resources are available to cover it.

The nominal charge for meals to food service employees who have been getting this concession has been set at 15¢ per meal.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the President (continued)

The University, representing all employees, and the Union, representing its members, will conduct scientific internal and external job evaluation wage and salary studies to determine such inequities as may exist for individuals and groups. The University will request the State Compensation Board to approve, effective January 1, 1968, such adjustments as may need to be made and can be made within available University resources and within the confines of Ohio law.

The checkoff of Union dues will continue in accordance with existing procedures.

The above points represented substantially the University's position prior to the strike, and have application to all employees.

I want to commend the students for the calmness they maintained during the course of the strike and for the services they rendered. I want, particularly, to commend all of those employees who loyally stood with the University during this interruption of work and kept this institution in operation in support of the educational programs that we are providing for our students.

Finally, I would commend, particularly, Mr. Robert E. Walsh, Director of Employee Relations, Vice Presidents Corbally and Carson and Mr. Huntington Carlile, who represented the University so effectively in resolving this dispute.

Trustee James W. Shocknessy commented as follows regarding the above report by President Fawcett:

It should be emphasized that this Board which serves as the governing board of this University has not recognized any group as an exclusive bargaining agent for the employees of The Ohio State University. In the President's remarks he spoke of action taken by the University. It should be understood that the President was speaking for himself and other officers of the University and that whatever action those officers have taken was in good faith and has been generally well received. I want it understood that this Board of Trustees has not recognized any exclusive bargaining agency. The law applicable to employment and to organizations of employees has been illuminated by the Attorney General of Ohio in an opinion which the President cited in his statement. This Board does not understand and would not understand that any person employed by the University would be required to belong to any organization.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the President (continued)

Further, I want it understood that as a member of this Board I do not construe anything that has taken place to mean that any person or organization speaks for all of the employees of the University. The group referred to in the President's report speaks only for those employees which it actually represents. The University, as the President used the term, has not bargained for the Board of Trustees. This Board was not provided with a copy of the so-called "Joint Statement" that was issued under the name of Ohio State University News and Information Service on October 9, 1967. I would not want our acceptance of the President's report to indicate our approval of the so-called "Joint Statement" which this Board did not see before it was issued.

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting on September 15, 1967

President Fawcett reported for information and the record that the Ohio Board of Regents at its meeting on September 15, 1967:

- (1) Awarded to The Ohio State University ten Regents' Professorships for 1967-68 on behalf of the following members of the faculty:

- (a) Dr. Melvin S. Newman, Professor of Chemistry
- (b) Dr. Melville L. Wolfrom, Professor of Chemistry
- (c) Dr. Robert M. Zollinger, Professor of Surgery
- (d) Dr. Morgan L. Allison, Professor of Dental Surgery
- (e) Dr. John W. Black, Professor of Speech
- (f) Dr. Glenn A. Fry, Professor of Optometry
- (g) Dr. Oskar Seidlin, Professor of German
- (h) Dr. Clarence R. Cole, Professor of Veterinary Pathology
- (i) Dr. Mars G. Fontana, Professor of Metallurgical Engineering
- (j) Dr. Robert C. McMaster, Professor of Welding Engineering and of Electrical Engineering

The first eight Regents' Professors named above are renewals from 1966-67. Pursuant to the above action, The Ohio State University will receive a supplemental appropriation of State funds in the amount of \$250,000.00 to support the above Regents' Professorships.

- (2) Approved a special purpose appropriation to The Ohio State University in the amount of \$1,400,000.00 for the fiscal year 1967-68 for research and public service whereby The Ohio State University will support the following activities in the amount indicated and will provide appropriate arrangements for the participation of other state universities in these activities:

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

B. Report on Action Taken by the Ohio Board of Regents at Its Meeting on September 15, 1967 (continued)

(a) Teacher Education Improvement Program	\$250,000.00
(b) State-Wide Business Research Program, including publication of a periodic business review	250,000.00
(c) Support and Development of the Hydro- biology Laboratory	300,000.00
(d) Establishment of an Office of Instructional Development and publication of the <u>Journal of Higher Education</u>	250,000.00
(e) Development of a High Energy Physics Laboratory and Program	150,000.00
(f) Development of a Central Library Services Program	100,000.00
(g) Development of a Central Time-Sharing Computer Program	100,000.00

Upon motion of Mr. France, seconded by Dr. Thomas, the above report was accepted by unanimous voice vote.

C. Highlights of University Activities

Among the highlights of University activities, a copy of which is placed on file with the records of the University, President Fawcett advised the Board of Trustees:

1. That as of October 11, 1967, 42,893 students have paid fees for the Autumn Quarter--an increase of 1,686 over the 41,207 final enrollment for the Autumn Quarter, 1966. A breakdown of the total enrollment is as follows:

Columbus Campus Enrollment	39,040
(An increase of 1,556 over last year)	
Columbus Campus Undergraduate Enrollment	29,452
(An increase of 877 over last year)	
Graduate Student Enrollment	6,669
(An increase of 301 over last year)	
Professional Student Enrollment	3,288
Branch Campuses Enrollment	3,361
(An increase of 270 over last year)	
New Freshmen on Columbus Campus	6,940
New Freshmen on Branch Campuses	1,554

On the Columbus Campus, 25.2 per cent of the enrollment is graduate and professional students.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

C. Highlights of University Activities (continued)

2. That the University ranked 10th among all of the nation's universities and third among Big Ten institutions in the amount of federal support received during the 1966 fiscal year.

According to a new National Science Foundation report compiled for the Federal Council for Science and Technology's Committee on Academic Science and Engineering, Ohio State received \$39,025,000 from various federal agencies during 1966.

Ohio State moved to the 10th place ranking from a position of 19th nationally which it held in each of the fiscal years, 1963 through 1965.

D. Introduction of the Director of Alumni Affairs

President Fawcett introduced Dr. Richard M. Mall, the newly appointed Director of Alumni Affairs for The Ohio State University Association. Dr. Mall expressed his appreciation for the opportunity to meet the Board of Trustees and to let them know that there is a new regime in the Alumni Association--one that is committed to carrying on programs which are in the best interests of the University. He indicated that the Alumni Association wanted to have a good working relationship--one that is thoroughly integrated with the total effort of the University. He stated further that although the Association is a separate and autonomous group, which autonomy it will preserve, it is our commitment to work as closely as we can with the administration and the Board of Trustees of the University. We of the Alumni Association invite you to ask questions of us directly or through any channels and to give us the opportunity from time to time to ask questions of you.

The Vice Chairman, Mr. Bricker, expressed appreciation to Dr. Mall for his gracious comments and extended to him best wishes on behalf of the Board of Trustees.

E. Reports from the Finance and Investment Committee

1. Insurance Program for Faculty, Staff, and All Regular Employees

Mr. Mervin B. France, Chairman of the Finance and Investment Committee, presented on behalf of the Committee the following resolutions amending the insurance program for the Faculty, Staff, and All Regular Employees of The Ohio State University and moved that they be adopted:

BE IT RESOLVED, by the Board of Trustees of The Ohio State University, that the action taken by the Board on September 14, 1967 regarding the insurance program for faculty, staff and all regular employees be amended, effective for all purposes as of November 1, 1967, to include the following changes:

X. REPORTS (continued)

E. Reports from the Finance and Investment Committee (continued)

1. Insurance Program for Faculty, Staff, and All Regular Employees
(continued)

Classified and Hourly Employees

- (a) Group Life Insurance Program - The amounts of life insurance for active regular classified and hourly employees be increased, provided the employee is on the effective date actively at work, otherwise on the date of his return to active work, to 2-1/2 times regular annual compensation to the nearest dollar, or \$7,500, whichever is greater. The amount of life insurance of an insured active classified or hourly employee who has attained age 55 shall be reduced in accordance with the following formula, except in no event shall the insurance of an insured active person be reduced because of age by an amount greater than \$13,500.

The reduction in the amount of life insurance (to the nearest dollar) equals 3% times the number of September 30ths coincident with or since the active employee's 55th birthday times the amount of insurance which would be effective under the plan without the required reduction. The initial reduction in amount of insurance shall be effective at midnight on the September 30th coincident with or next following the attainment of age 55 and the amount of insurance will be further reduced at midnight on each September 30th thereafter.

"Annual Compensation" shall be determined once each year as of October 1 and shall mean the employee's regular hourly wage rate or salary on such October 1, multiplied by the number of hours worked by the employee during the twelve months preceding such October 1, not in any case to exceed 2080 hours. For employees hired on or after October 1 each year or for employees with less than twelve full months of service as of October 1 of each year, "Annual Compensation" shall be determined by multiplying said employee's average weekly wage during the partial year worked, as determined by the University, times 52 weeks.

- (b) Accidental Death and Dismemberment Insurance - The amount of accidental death and dismemberment insurance to be equal to the amount of life insurance by increasing the accidental death and dismemberment schedule for active regular classified and hourly employees to 2-1/2 times annual compensation. The new schedule would be identical to the new life schedule including reductions after age 55.

October 11, 1967 meeting, Board of Trustees

X. REPORTS (continued)

E. Reports from the Finance and Investment Committee (continued)

1. Insurance Program for Faculty, Staff, and All Regular Employees (continued)

- (c) Contributions - The Ohio State University shall provide and pay the full cost of the group life insurance, accidental death and dismemberment insurance and major medical insurance under the University's group insurance program as amended for all active regular classified and hourly employees provided the employee is, on November 1, 1967, actively at work, otherwise on the date of his return to active work.

With respect to the major medical insurance, the University shall pay the cost of such insurance for the active employee and also the cost of said major medical benefits for the eligible dependents of such active employee.

AND BE IT FURTHER RESOLVED, by the Board of Trustees of The Ohio State University that the action of the Board on September 14, 1967 regarding the issuance of separate group insurance contracts by the carrier to insure classified and hourly employees and the amending of the in-force group insurance contracts covering various classifications of University employees to exclude classified and hourly employees from coverage thereunder be hereby amended to be effective November 1, 1967.

Mr. William Safford seconded the motion that the above resolutions be adopted.

Before voting, Mr. Shocknessy stated that "It should be understood that the resolutions which have been recommended by the Finance and Investment Committee of the Board of Trustees of which I am a member are presented on behalf of this Board pursuant to State law (H. B. 470) which law became effective September 15, 1967, and that the action proposed in the resolutions could not have been taken by this Board at any previous regular meeting and further the adoption of these resolutions is not in any way related to recent events."

Upon a roll call, the above resolutions amending the insurance program for faculty, staff, and all regular employees were adopted by a unanimous affirmative vote.

2. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated September 30, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

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October 11, 1967 meeting, Board of Trustees

Thereupon the Board adjourned to meet Thursday, November 9, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-FIFTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 9, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, November 9, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: Bertram D. Thomas, Acting Chairman, John G. Ketterer, Frederick E. Jones, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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November 9, 1967 meeting, Board of Trustees

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, and a unanimous vote of the Board of Trustees, Dr. Bertram D. Thomas was designated to serve as Acting Chairman of the Board of Trustees during the disability of the Chairman, Mr. Stanley C. Allyn, and the Vice Chairman, Mr. John W. Bricker; and Dr. Thomas was authorized to take such action as is necessary with respect to the minutes of the last meeting of said Board.

In the interest of clarification and pursuant to the adoption of the resolution by the Board of Trustees that the new academic units--the Colleges of the Arts and Sciences and the College of Administrative Science--be created effective January 1, 1968, the minutes of the October 11, 1967 meeting were corrected to record that the now existing College of Arts and Sciences and the College of Commerce and Administration be dissolved, effective January 1, 1968.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Amendments to Rules for the University Faculty

The Faculty Council on October 3, 1967, upon the recommendation of the Rules Committee of the Council approved certain amendments to the Rules for the University Faculty which would bring said Rules into conformity with previous actions taken by the Faculty Council and the Board of Trustees. The amendments referred to above may be summarized as follows:

1. Amendments to Rules pertaining to titles of principal administrators in the Office of Student Relations necessary to accommodate the changes in titles previously approved by the Board of Trustees for those persons appointed to succeed Dean of Men, Mylin H. Ross, and Dean of Women, Christine Y. Conaway. The Rules for the University Faculty affected by these changes are as follows: Rules 11.1106, 29.2709, 41.15, 45.03, 53.0701, and 53.0703. Rules 11.1301 and 11.1303 have been deleted.
2. Amendments to various Rules which provide for graduate student representation on certain University councils and committees. The Rules for the University Faculty affected by these changes are as follows: Rules 27.2701, 29.01, 29.2705, 29.2721, 53.0705 (a new rule), and 54.05.
3. Amendments to Rules pertaining to the administration of the Mershon Center for Education in National Security necessary to conform with the action of the Board of Trustees creating the position of Provost. The Rules for the University Faculty affected by these changes are as follows: 13.11 and 29.2719.

November 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Amendments to Rules for the University Faculty (continued)

4. Amendments to Rules pertaining to the organization and membership of the Council on Research. These amendments include the change in name from "Council on Research" to the "Research Council." The Rules for the University Faculty affected by these changes are as follows: 13.09 and 29.2707.
5. Amendments to Rules pertaining to the distribution of membership on the Faculty Council which amendments will provide for more equitable apportionment of the academic disciplines and accommodate the academic reorganization of the University as adopted by the Board of Trustees at the meeting on October 11, 1967. The Rules for the University Faculty affected by these changes are as follows: 29.01, 29.03, and 29.2713. Rules 29.05 and 29.07 have been deleted.

President Fawcett recommended that the above-referred-to amendments to the Rules for the University Faculty be adopted by the Board of Trustees, and that the Secretary of the Board be directed to correct and reprint the Rules for the University Faculty incorporating the specific changes as approved by the Faculty Council and included in these minutes as Appendix II, page 337.

Upon motion of Mr. Jones, seconded by Mr. Hilliker, the above recommendations were approved by unanimous voice vote.

B. Proposal for the Establishment of New Undergraduate and Graduate Degree Programs in Computer and Information Science Which Lead to the Degrees--Bachelor of Science in Computer and Information Science, Master of Science, and Doctor of Philosophy

The Faculty Council on October 10, 1967, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees and the Board of Regents the recommendation that new programs in the area of computer and information science be authorized as follows:

1. Undergraduate program leading to the degree, Bachelor of Science in Computer and Information Science; and
2. Graduate programs leading to the degrees, Master of Science and Doctor of Philosophy.

The Dean of the College of Engineering, with the concurrence of the Vice President for Academic Affairs and the Council on Academic Affairs, has created an administrative unit designated as the Division of Computer and Information Science within the College of Engineering. This Division has administrative and technical autonomy similar to that of the Departments within the College.

I. GENERAL RECOMMENDATIONS (continued)

B. Proposal for the Establishment of New Undergraduate and Graduate Degree Programs in Computer and Information Science Which Lead to the Degrees--Bachelor of Science in Computer and Information Science, Master of Science, and Doctor of Philosophy (continued)

Computer and information science deals, on the one hand, with the body of knowledge concerned with the quantitative relationships, concepts, theory, and methods common to the processing and utilization of information in different fields, and on the other hand, with theory and operations of the automatic equipment and systems used to process such information. Common properties of information are induced logically by the study, in part, of specific areas of science and technology which have a concern with the handling of information. Information is defined as data of value in decision making.

This program is designed to give the student a basic background in mathematics; a practical and theoretical knowledge of computer and information science; and a broad familiarity with a number of different areas which contribute to computer and information science.

Admission to the graduate program includes a Bachelor's Degree in Computer and Information Science or another discipline contributing to this field, a good background in mathematics, and computer programming.

The Master's program includes three options designed to (1) provide a broad foundation for continued graduate work to the Ph. D. , (2) provide a sufficient background for a student to enter or continue professional practice in information systems, or (3) provide adequate preparation for students specializing in computer systems.

For entrance into the program leading to the degree, Doctor of Philosophy, a student must hold a Master's Degree in Computer and Information Science or its equivalent, and must have demonstrated outstanding scholastic ability in earlier graduate work. The requirements leading to the degree, Doctor of Philosophy, are flexible and will be tailored to the particular background and interests of the individual student.

President Fawcett recommended that the above proposal to establish new undergraduate and graduate programs in computer and information science leading to the degrees--Bachelor of Science in Computer and Information Science, Master of Science, and Doctor of Philosophy be approved by the Board of Trustees, and pursuant to Section 3333.04 of the Revised Code of Ohio, that the proposal for the new programs and degrees be forwarded to the Board of Regents; and further, subject to the approval of the Board of Regents, that this action become effective Winter Quarter, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the Board of Trustees approved the above recommendations by unanimous voice vote.

November 9, 1967 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Proposal for Revised Curriculum Leading to the Degree of Bachelor of Science in Architecture

The Faculty Council on October 10, 1967, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the recommendation that a revised curriculum leading to the degree of Bachelor of Science in Architecture be adopted, effective Summer Quarter, 1968.

The proposal requested that the present five-year program in the School of Architecture which leads to the degree, Bachelor of Architecture, be replaced with a four-year program leading to the degree, Bachelor of Science in Architecture.

For more than 30 years, the five-year Bachelor of Architecture degree has been the only degree recognized nationally for accreditation and licensure in the field of architecture. However, as a result of intensive study and major changes in the field by professional architectural groups, a revised pattern of emphasis and reorganization of collegiate education in architecture has been recommended. The new pattern calls for the creation of a four-year program leading to the degree, Bachelor of Science in Architecture, followed by a one-year organized internship and a two-year master's program leading to the degree, Master of Architecture. The master's degree will then become the first professional degree recognized for accreditation and licensure by the profession.

The present program and degree will be phased out by the end of 1971-72, and in the interim, qualified students will be given the choice of working for either the Bachelor of Architecture or the Bachelor of Science in Architecture.

President Fawcett recommended that the above proposal for revising the curriculum in the School of Architecture be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Naming of Buildings

Upon the proposal of Dean Harold A. Bolz, College of Engineering, and with the concurrence of the President's Cabinet, President Fawcett recommended that the building now under construction at 2015 Neil Avenue be officially named "Electronics Laboratory," and that the building now under construction at 1971 Neil Avenue be officially named "Systems Engineering Building."

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous voice vote.

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November 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the October 11, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Appointments and Leaves of Absence With Salary:

A. Appointments

George Orville Johnson, Professor, School of Education, effective January 1, 1968, at a salary of \$18,768.00 per annum.

Franklin Robert Greeneisen, Administrative Assistant, Engineering Experiment Station, effective November 16, 1967, at a salary of \$11,868.00 per annum.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Charles D. McGrew, Professor (Extension Specialist, Dairy Science), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

W. A. Stephen, Professor (Extension Specialist, Apiculture), effective October 1, 1967 through December 31, 1967, to participate in a program of professional improvement at Ontario Agricultural College, Guelph, Ontario.

Anita McCormick, Associate Professor (Assistant State Leader, Home Economics), effective September 1, 1967 through January 15, 1968, to participate in a program of professional improvement at North Carolina State University.

Charles I. Archer, Instructor (Area Extension Agent, 4-H), effective January 1, 1968 through May 31, 1968, to participate in a program of professional improvement at Colorado State University.

Jane V. Barton, Instructor (County Extension Agent, Home Economics), effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Bryson R. Carter, Instructor (County Extension Agent, Agriculture), effective January 1, 1968 through April 15, 1968, to participate in a program of professional improvement at West Virginia University.

November 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence With Salary (continued)

Gloria Cleland, Instructor (County Extension Agent, Home Economics), effective August 16, 1967 through November 15, 1967, to participate in a program of professional improvement at the University of Maryland.

Robert S. Crawford, Instructor (County Extension Agent, Agriculture), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Robert H. Groves, Instructor (Area Extension Agent, 4-H), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

James R. Helt, Instructor (Area Extension Agent, 4-H), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Paul Hothem, Instructor (County Extension Agent, 4-H), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

Paul C. Leidheiser, Instructor (District Supervisor), effective October 1, 1967 through June 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Robert B. Lewis, Instructor (County Extension Agent, 4-H), effective September 16, 1967 through November 30, 1967, to participate in a program of professional improvement at North Carolina State University.

Charles W. Lifer, Instructor (Area Extension Agent, Resource Development), effective October 1, 1967 through February 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Glenn E. Maddy, Instructor (County Extension Agent, Agriculture), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

November 9, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence With Salary (continued)

John D. Ruoff, Instructor (County Extension Agent, 4-H), effective October 1, 1967 through December 15, 1967, to participate in a program of professional improvement at The Ohio State University.

William M. Shaw, Instructor (Area Extension Agent, Community Resource Development), effective October 1, 1967 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Appointments, Leaves of Absence With Salary, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting:

1. Government Contracts - Federal

- a1. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Myocardial Metabolism of Hypothermia (to be known as National Institutes of Health Project No. 1100-F - Sup. #1 - Department of Surgery).
Gross Value - \$9,140.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Phytochemistry of Genus Thalictrum (to be known as National Institutes of Health Project No. 1497-E - Ext. #5 - College of Pharmacy).
Gross Value - \$18,253.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a3. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as National Institutes of Health Project No. 1571-E - Ext. #5 - Department of Biochemistry).
Gross Value - \$23,720.00.
- a4. Department of Health, Education, and Welfare, Vocational Rehabilitation Administration, Washington, D. C., Perception of Altered Acoustic Stimuli by the Deaf (to be known as Vocational Rehabilitation Administration Project No. 1688-D - Change #4 - Department of Speech).
Gross Value - \$15,000.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Neuroendocrine Mechanisms Controlling Organ Proliferation (to be known as National Institutes of Health Project No. 1882-C - Ext. #3 - Department of Psychiatry).
Gross Value - \$14,817.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Medicinal Chemical Aspects of the Gem-Dialkyl Effect (to be known as National Institutes of Health Project No. 1992-B - Ext. #2 - College of Pharmacy).
Gross Value - \$21,282.00.
- a7. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effect of Order on Energy Levels in Sensitizers (to be known as National Institutes of Health Project No. 2092-B - Ext. #2 - Department of Physics).
Gross Value - \$16,912.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2140 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.

November 9, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a9. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Study of Spatial Laser Beam Modulation and Filtering to Counteract Undesired Propagation Effects (to be known as Systems Engineering Group, Research and Technology Division Project No. 2156 - C. O. #3 - Department of Electrical Engineering).
Gross Value - \$50,150.00.
- a10. Department of State, Agency for International Development, Washington, D. C., Technical Assistance in the Development of a National Plan for Human Resources in Equador (to be known as Agency for International Development Project No. 2158 - Amend. #7 - Department of Economics).
Gross Value - \$30,000.00.
- a11. Department of Army, U. S. Army Edgewood Arsenal, Edgewood Arsenal, Maryland, Development of Ferroelectric and Ferromagnetic Radiation Detectors (to be known as U. S. Army Edgewood Arsenal Project No. 2203 - Mod. #2 - Department of Mechanical Engineering).
Gross Value - \$40,479.00.
- a12. Department of Health, Education, and Welfare, U. S. Office of Education, Washington, D. C., A Proposal to Encourage the Full Utilization of Educational Talent in Several Ohio High Schools (to be known as U. S. Office of Education Project No. 2271 - Amend. #1 - School of Education and Department of Psychology).
Gross Value - \$43,000.00.
- a13. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, The Study of the Reaction Kinetics of Hydrogen-Air Mixtures (to be known as Systems Engineering Group, Research and Technology Division Project No. 2273 - Sup. #2 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$5,998.00.
- a14. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Research on Rotating R-F Field Plasma (to be known as Air Force Office of Scientific Research Project No. 2303 - Amend. A - Department of Physics).
Gross Value - \$31,302.00.

November 9, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a15. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Materials and Associated Problems (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2414 - Amend. #3 - Research Foundation Internal Supervision).
Gross Value - \$25,000.00.
- a16. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, For Contributive Research for the Physical and Engineering Sciences (to be known as Systems Engineering Group, Research and Technology Division Project No. 2443 - Amend. #3 - Research Foundation Internal Supervision).
Gross Value - \$70,000.00.
- a17. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Preparing Educational Specialists for the Health Professions (to be known as National Institutes of Health Project No. 2526 - New - College of Medicine and School of Education).
Gross Value - \$76,380.00.
- a18. Systems Engineering Group, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Development of Continuing Education Programs for Wright-Patterson Air Force Base Personnel (to be known as Systems Engineering Group, Air Force Systems Command Project No. 2546 - New - College of Commerce and Administration, Continuing Education and Department of Electrical Engineering).
Gross Value - \$20,200.00.
- a19. U. S. Department of Commerce, National Bureau of Standards, Washington, D. C., Research on the Impact on Social Interaction and Group Substructure of Variations in Space Patterns and Population Density (to be known as National Bureau of Standards Project No. 2551 - New - School of Architecture and School of Social Work).
Gross Value - \$2,500.00.
- a20. National Science Foundation, Washington, D. C., Control of the Adrenal Cortex in the Opossum (to be known as National Science Foundation Project No. 2553 - New - Department of Physiology).
Gross Value - \$28,300.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a21. National Science Foundation, Washington, D. C. , Biosynthesis of the Aglycones of Thioglucosides (to be known as National Science Foundation Project No. 2554 - New - Department of Biochemistry).
Gross Value - \$38,300.00.

TOTAL - Government Contracts - Federal \$581,933.00

2. Industrial and Other Contracts

- a1. Health Research, Inc. , Roswell Park Division, Buffalo, New York, Breast Adjuvant Study (to be known as Health Research, Inc. Project No. 1569 - Ck. No. 060740 - Department of Surgery).
Gross Value - \$775.00.
- a2. Modern Language Association of America, Center for Editions of American Authors, New York, New York, To Edit and Ready for Publication New Volumes of the Works of Nathaniel Hawthorne (to be known as Modern Language Association of America Project No. 2338-A - Sponsor Letter - Department of English).
Gross Value - \$25,800.00.
- a3. Miami Valley Heart Chapter, Greene County Branch, Xenia, Ohio, The Influence of Sympathetic Mediators on the Susceptibility of Cardiac Arrhythmias (to be known as Miami Valley Heart Chapter Project No. 2416 - Sponsor Letter - Department of Pharmacology).
Gross Value - \$1,500.00.
- a4. Petroleum Research Fund, American Chemical Society, Washington, D. C. , Steady-State Methods of Studying Electron Transfer Processes (to be known as Petroleum Research Fund Project No. 2533 - New - Department of Chemistry).
Gross Value - \$5,000.00.
- a5. Central Ohio Heart Association, Inc. , Columbus, Ohio, Coronary Care Unit Training for Nurses (to be known as Central Ohio Heart Association, Inc. Project No. 2534 - New - Department of Medicine).
Gross Value - \$12,973.00.
- a6. Central Ohio Heart Association, Inc. , Columbus, Ohio, Role and Actions of Cardiac Nerves in Man (to be known as Central Ohio Heart Association, Inc. Project No. 2535 - New - Department of Medicine).
Gross Value - \$7,155.00.

November 9, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a7. Central Ohio Heart Association, Inc., Columbus, Ohio, Biochemical Basis of the Humoral Control of Myocardial Energy Metabolism (to be known as Central Ohio Heart Association, Inc. Project No. 2536 - New - Department of Medicine).
Gross Value - \$7,157.00.
- a8. Central Ohio Heart Association, Inc., Columbus, Ohio, Laboratory Studies of a Cardiac Pacemaker of New Circuitry (to be known as Central Ohio Heart Association Inc. Project No. 2537 - New - Department of Surgery).
Gross Value - \$5,372.00.
- a9. Central Ohio Heart Association, Inc., Columbus, Ohio, The Autoradiographic Localization of Cardiovascular Drugs in the Fine Structure of the Myocardium by Electron Microscopy (to be known as Central Ohio Heart Association, Inc. Project No. 2538 - New - Department of Pharmacology).
Gross Value - \$7,500.00.
- a10. Central Ohio Heart Association, Inc., Columbus, Ohio, The Uptake of Radio-labeled Cardiac Drugs by the Sarcotubular Membrane (to be known as Central Ohio Heart Association, Inc. Project No. 2539 - New - Department of Pharmacology).
Gross Value - \$7,560.00.
- a11. Central Ohio Heart Association, Inc., Columbus, Ohio, Identification of Sequential Myocardial Ultrastructural Changes Induced by Experimental Acute and Chronic Ischemia and Hypoxia (to be known as Central Ohio Heart Association, Inc. Project No. 2540 - New - Department of Medicine).
Gross Value - \$7,035.00.
- a12. Central Ohio Heart Association, Inc., Columbus, Ohio, The Influence of Myocardial Revascularization Procedures Upon Ventricular Function (to be known as Central Ohio Heart Association, Inc. Project No. 2541 - New - Department of Surgery).
Gross Value - \$7,500.00.
- a13. Central Ohio Heart Association, Inc., Columbus, Ohio, The Pathologic Physiology of Myocardial Infarction (to be known as Central Ohio Heart Association, Inc. Project No. 2542 - New - Department of Medicine).
Gross Value - \$6,133.00.

November 9, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a14. Central Ohio Heart Association, Inc., Columbus, Ohio, The Interaction of Hydrogen Ions, Norepinephrine, and Acetylcholine in Relation to Myocardial Performance (to be known as Central Ohio Heart Association, Inc. Project No. 2543 - New - Department of Physiology).
Gross Value - \$5,250.00.
- a15. Central Ohio Heart Association, Inc., Columbus, Ohio, Coagulation Rebound Postanticoagulant Therapy (to be known as Central Ohio Heart Association, Inc. Project No. 2544 - New - Department of Medicine).
Gross Value - \$7,470.00.
- a16. Central Ohio Heart Association, Inc., Columbus, Ohio, A Study of the Size of Systemic-Pulmonary Shunts in Relation to Body Surface Area (to be known as Central Ohio Heart Association, Inc. Project No. 2545 - New - Department of Surgery).
Gross Value - \$7,500.00.
- a17. Petroleum Research Fund, American Chemical Society, Washington, D. C., Molecular Spectra of Transient Species in the Gas Phase (to be known as Petroleum Research Fund Project No. 2547 - New - Department of Chemistry).
Gross Value - \$5,000.00.
- a18. University of Kansas Research Center, Engineering Science Division, Lawrence, Kansas, Investigation of Antenna Array Organization for Large Receiving Appays (to be known as University of Kansas Research Center Project No. 2552 - New - Department of Electrical Engineering).
Gross Value - \$14,837.00.

TOTAL - Industrial and Other Contracts \$141,517.00

The foregoing thirty-nine contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$723,450.00.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

November 9, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from September 26, 1967 through October 24, 1967, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

EES 293X Ext. #1	Stripping in Hot Mix Sand Asphalt Mixture, The University of Florida, Gainesville, Florida. Gross Value - \$17,430.00.
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SC 60 Ext. #1	Professional Advisory Service Center, Office of Civil Defense, Washington, D. C. Gross Value - \$45,500.00.
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The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$62,930.00.

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IV. GRANTS AND GIFTS

The following gifts to the University were among those received since October 11, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Received Through the Development Fund

1. \$50,000.00 from the Estate of Miss Helen C. Kennedy for the Institute for Research in Vision.
2. \$9,300.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund.
3. \$9,000.00 from the Ohio Electric Utility Institute for the Ohio Electric Utility Institute Fellowship Fund in the Department of Electrical Engineering.
4. \$8,100.00 from Sears-Roebuck Foundation--\$5,100.00 for the Sears-Roebuck Foundation Scholarship Fund and \$3,000.00 for the Center for Vocational and Technical Education.
5. \$7,127.00 from The Charles F. High Foundation for The Charles F. High Foundation Scholarship Fund.

November 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

6. \$5,500.00 from National Steel Foundation, Weirton, West Virginia, for the National Steel Foundation Fellowship in Metallurgical Engineering.
7. \$5,289.00 from the Mark L. Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
8. \$5,000.00 from Shell Companies Foundation, Inc., New York, New York, for the Shell Companies Foundation Fellowship Fund in Chemical Engineering.
9. \$4,783.00 from Owens-Illinois, Inc. for the Owens-Illinois Scholarship Fund.
10. \$4,068.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
11. \$4,000.00 from Inland Steel-Ryerson Foundation, Inc. for the Inland Steel-Ryerson Foundation Fellowship Fund.
12. \$4,000.00 from Chrysler Corporation Fund for the Chrysler Corporation Fellowship Fund.
13. \$3,770.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
14. \$2,500.00 from the Bristol Laboratories for the Arthritis and Rheumatism Foundation.
15. \$2,500.00 from the Kent Foundation (Mrs. Ralph E. Kent) for the Presidents Club Fund.
16. \$2,076.17 from Ullery, Vorys, Teteris, Neri & Associates, Inc. for the Medical Research Consultants Fund.
17. \$1,900.00 from the G. D. Searle & Co., Chicago, Illinois, for the G. D. Searle & Co. Research in Medicine Fund.
18. \$1,500.00 from Ronald W. Thompson, Cleveland, Ohio, for the Ronald W. Thompson Fund for Engineering.
19. \$1,250.00 from J. T. Edwards Company Foundation, Inc., (David A. Edwards)--\$500.00 for the J. T. Edwards Company Scholarship Fund, \$150.00 for the Student Athlete Grant-in-Aid Fund, and \$600.00 as an undesignated gift to the University.
20. \$1,000.00 from John Dana Cole for the John Dana Cole Fund.

November 9, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

- 21. \$1,000.00 from John B. Conard for the John B. Conard Fund in Ceramic Engineering.
- 22. \$1,000.00 from Dr. William A. Hammond for the William A. Hammond Lectureship Fund.
- 23. \$1,000.00 from Jasam Foundation, Inc., (Samuel S. Davis), for the Corrugated Container Company Fund.
- 24. \$1,000.00 from Dr. Carl B. Marquand for the Carl B. Marquand Fund for Continuing Education.
- 25. \$1,000.00 from Frederick W. R. Pride--\$500.00 for the College of Law Emergency Fund and \$500.00 for the Department of Athletics Discretionary Fund.
- 26. \$1,000.00 from the Joseph and Helen Skilken Foundation (Joseph Skilken) for the Joseph and Helen Skilken Foundation.

TOTAL - Received Through the Development Fund \$138,663.17

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the acceptance of the above gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

B. Report from The Ohio State University Development Fund

In September, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	683	\$ 40,019.02
Individuals other than alumni	74	3,173.78
Nonprofit organizations	24	130,184.27
Business concerns	<u>7</u>	<u>32,884.76</u>
	788	\$206,261.83

Of these gifts, 514 totaling \$9,016.71 were undesignated and 274 totaling \$197,245.12 were designated.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of material, and estimates of cost for the following project be approved by the Board of Trustees:

November 9, 1967 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. McCracken Power Plant - Installation of 750 KW
Standby Turbine Generator

This project will provide emergency power for the operation of the heating plant.

Funds will be provided from Budget Account 801119.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACT

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contract was recommended for award. The action reported to the Board was as follows:

A. Bull Barn Replacement

	<u>Low Bid</u>	<u>Est. of Cost</u>
(4 bids received 10-31-67)		
Holzappel Construction Co. (Columbus)	\$19,600.00	\$20,384.00

Funds for this project are provided from Item 046, H. B. 886.

Upon motion of Mr. Hilliker, seconded by Mr. Ketterer, the above award of contract and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VII. CONTROLLING BOARD APPROVALS

Each numbered request accomplishes the following purpose:

- 25 Approves the award of contracts to the low bidders for the Language Building without further competitive bidding and the transfer of \$203,000.00 from Item 061 to Item 044 Language Building, H. B. 886, and the release of these funds, to provide for construction expenses.

VII. CONTROLLING BOARD APPROVALS (continued)

- 26 Approves the transfer and release of \$10,000.00 from Item 002 to Item 006 Relocation of Laboratories and Administrative Offices, H. B. 886, to provide funds for architect's fees and miscellaneous expenses for this project.
- 27 Approves the award of contracts to the low bidders for the Dodd Hall Addition without further competitive bidding and the transfer of \$271,000.00 from Item 016 to Item 054, H. B. 886, and to release \$1,434,611.00 from this account so that contracts may be awarded and funds encumbered.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Allied Medical Sciences School - Employment of Architects

President Fawcett recommended that the architectural firm of Holroyd and Myers be employed to provide preliminary drawings and such other data as may be required to accompany the University's application for Federal funds. If the project proceeds beyond the preliminary, it is understood that any payment made for preliminary work will be deducted from the total standard fee for the complete project.

The fee for this preliminary work will be calculated on the basis of work to be performed for the grant application and is estimated to be \$33,700.00. Funds will be provided from Item 016 Medical Complex, H. B. 886.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above recommendation was adopted by unanimous roll call vote.

B. University School Building Renovation - Employment of Architects

President Fawcett recommended that the architectural firm of Loren J. Staker be employed to provide complete architectural and engineering services for this project including preliminary plans, basic drawings, working drawings, specifications, estimates of cost, necessary bidding documents, and complete supervision of construction,

The fee for this work will be calculated on the basis of 8 per cent of the construction cost or an estimated \$9,600.00. Funds will be provided from Budget Account 801140.

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above recommendation was adopted by unanimous roll call vote.

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IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of William Eugene Barnhart, Clinical Instructor in the Department of Medicine; Dana Wesley Cox, Clinical Associate Professor in the Department of Obstetrics and Gynecology; Huston Fenn Fulton, Associate Professor in the Department of Radiology; Sidney M. Kaplan, Professor in the School of Art; and Clayton Sydney Smith, Professor Emeritus in the Department of Physiological Chemistry. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. William Eugene Burkhart

The Board of Trustees expresses its sorrow at the death on July 14, 1967, of William Eugene Burkhart, Clinical Instructor in the Department of Medicine.

William Eugene Burkhart was born in Mechanicsburg, Pennsylvania, on January 21, 1921. He was graduated from Otterbein College in 1943 with a Bachelor of Science degree, and in 1945, he received his Doctor of Medicine degree from The Ohio State University College of Medicine. Following internship at the Cleveland City Hospital, he served two years in the Medical Corps of the U. S. Army and was stationed at Ft. Custis Administration Hospital in Battle Creek, Michigan. He returned to Columbus for two years of residency in internal medicine at The Ohio State University Hospital followed by one year of residency in psychiatry at the New York Hospital and Veterans Administration in New York City. In 1951, he returned to Columbus to enter private practice and joined the faculty of The Ohio State University as a Clinical Instructor in the Department of Medicine.

Dr. Burkhart was Chairman of the Hospital Utilization Committee, a member of the active staff at Mt. Carmel Hospital, and on the courtesy staff of Riverside Methodist Hospital and University Hospital. He was interested in the specialty of gastroenterology as well as psychiatry. He was a member of the Division of Gastroenterology of the Department of Medicine at The Ohio State University. In 1956, he was certified by the American Board of Internal Medicine, and in 1963, he was elected to Fellowship in the American College of Physicians. He was a member of the Columbus, the Ohio, and the American Societies of Internal Medicine; the Columbus Academy of Medicine; the Ohio State Medical Association; and the American Medical Association.

On behalf of the members of the Faculty of the College of Medicine and his colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Dana Wesley Cox

The Board of Trustees expresses its sorrow at the death on May 30, 1967, of Dana Wesley Cox, Clinical Associate Professor in the Department of Obstetrics and Gynecology.

Dana Wesley Cox was born May 3, 1898. Doctor Cox received his early education in the public schools of Newcastle, Pennsylvania. During World War I, he served as an enlisted man in the United States Army from October until December, 1918, when the Armistice terminated hostilities. The following year, he matriculated at Muskingum College, New Concord, Ohio, where he earned his Bachelor of Arts degree in 1923, and his Doctor of Medicine degree from Western Reserve University Medical School in 1928.

Doctor Cox served an internship from 1929 to 1930 in Epworth Hospital, South Bend, Indiana. Gradually, he had developed a keen interest in obstetrics, and although he desired to take postgraduate training, Doctor Cox commenced general practice in Poland, Ohio, in 1930. In 1934, he entered the New York Lying-in-Hospital as an intern continuing in obstetrics and gynecology as assistant resident, 1935-1936. His training was extended as he became resident and subsequently chief resident in obstetrics and gynecology in Margaret Hague Maternity Hospital, Jersey City, New Jersey, 1936-1937, under the eminent, late, Doctor Samuel A. Cosgrove. In 1939, the American Board of Obstetrics and Gynecology certified him as a diplomate.

Succeeding Doctor Andrews Rodgers, Doctor Cox served as Acting Chairman, Department of Obstetrics and Gynecology, College of Medicine, The Ohio State University, from 1943 to 1945. Upon the appointment of Doctor Allen Barnes to the Chairmanship, Doctor Cox continued to serve on the faculty as Clinical Associate Professor.

Besides his position on the faculty at The Ohio State University, he was also a member of the active medical staffs of Grant, St. Ann's, and Mt. Carmel Hospitals, where he served faithfully in both a teaching and clinical capacity. Among many facets in his talents for teaching, Doctor Cox was a strong proponent of strict hygiene for every prenatal patient, advocating especially the improvement of prenatal care, to include dental hygiene.

Doctor Cox was dedicated in his services to several professional affiliations. He was a founding member (1944) and past president of the Columbus Obstetric-Gynecologic Society. From time to time, on various committees he served his County Medical Society; he also belonged to the Ohio State Medical Association and the American Medical Association. He was active for many years in The Planned Parenthood Association, The Childhood League, and others.

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Dana Wesley Cox (continued)

On behalf of the members of the Faculty of the College of Medicine and his colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Huston Fenn Fulton

The Board of Trustees expresses its sorrow at the death on May 31, 1967, of Huston Fenn Fulton, Associate Professor in the Department of Radiology.

Huston Fenn Fulton was born November 7, 1899, in Belle Center, Ohio. Dr. Fulton attended Oberlin College and received his A. B. and M. D. degrees from The Ohio State University in 1922 and 1925, respectively.

Following internship, he entered practice in Columbus with Dr. Charles J. Shepard in the specialty of dermatology. Dr. Shepard at that time was also in charge of the Radiology Department of Mt. Carmel Hospital, and it was there that Dr. Fulton found his true interest in the field of medicine. He then became a resident in radiology at Massachusetts General Hospital under Dr. George Holmes. He returned to Columbus to become the radiologist for Mt. Carmel Hospital and was appointed by Dr. Hugh Means as radiologist for St. Francis Hospital, then a teaching facility for The Ohio State University. Dr. Fulton was appointed to the faculty of the College of Medicine in 1927; and during his many teaching years, he was a source of assistance and inspiration to countless medical students and house officers.

As an early diplomate of the American Board of Radiology in Columbus, he represented and participated actively in the transition period of radiology in its present day academic form. Dr. Fulton was the author of several papers in the field of diagnostic radiology. He served as medical advisor (radiology) to the Ohio State Director of Selective Service during World War II and until 1955, continued in that capacity. Fellowship in the American College of Radiology was conferred upon him in 1948.

Dr. Fulton was active in both professional and social organizations. He was a founder and charter member of the Ohio State Radiological Society and past president of the Columbus Club. He was a member of numerous national medical organizations, such as the American Roentgen Ray Society, Radiological Society of North America, and the Inter-American College of Radiology. He was also a member of the Local Medical Forum, Medical Review Club, Rotary Club, and the Masonic Order.

Dr. Fulton was always willing to lend a helping hand to friends and colleagues and was widely known for his consideration for patients and colleagues and for his integrity in his association with hospital administrators and medical-staff members. His many friends feel a deep loss and the specialty of

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Huston Fenn Fulton (continued)

radiology has lost an inspirational leader. Although golf and gardening were his hobbies, his main non-medical interest was in his family and friends. He will be long remembered for the fine contributions he made to medicine and will be sadly missed by family and colleagues.

On behalf of the members of the Faculty of the College of Medicine and his colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Sidney M. Kaplan

The Board of Trustees expresses its sorrow at the death on October 17, 1967, of Sidney M. Kaplan, Professor in the School of Art.

Professor Kaplan was born in New York City, on October 9, 1913. He was graduated with the A. B. degree from Columbia College in 1934, the M. A. degree from Mills College in 1939, and the Ph. D. degree from Harvard University in 1954. Dr. Kaplan was associated with the Fogg Museum's Asiatic Research Bureau between 1947 and 1948. He served as an Instructor in Oriental Art History at the University of Michigan (1948-49) and was an Assistant Professor in Oriental Art History and Director of the Art Gallery at Mills College (1949-51). He joined the faculty of The Ohio State University as a Lecturer in 1954, was made Assistant Professor in 1955, Associate Professor in 1957, and Professor in 1961. Professor Kaplan's professional concerns ranged over a broad field. This is reflected in the variety of courses he taught: the Art of China and Japan, the Art of India, Survey of Far Eastern Art, Primitive and Prehistoric Art, Introduction to Art, Introduction to Research Methods, and Museum Problems and Practice. He served on the committee and faculty of the University's summer programs on the Far East and Africa. In addition, he served as a consultant in the orientation program for the training of Peace Corps volunteers. As a member of the faculty, Professor Kaplan gave of himself freely. He enjoyed his contacts with students at all levels. He had an amazing ability to see the most complicated and sophisticated problems with a great deal of clarity and insight.

Dr. Kaplan was the recipient of numerous honors: the University of California's Chinese Cultural Scholarship in 1945 and a similar scholarship from Harvard University in 1946. Professor Kaplan received a faculty research grant from the University of Michigan in 1947-48 and a Ford Foundation Grant for travel and research in India, Pakistan, and Ceylon in 1956-57.

The following is a partial listing of Professor Kaplan's publications: "Observations on Ch'i Chia and Li Fan Pottery," Harvard Journal of Asiatic Studies, June, 1948; "A Note on Late Chon Blackware," Far Eastern Ceramic Bulletin, March, 1955; and "Seeing Is Believing," Catholic Art Quarterly, 1956-57.

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. Sidney M. Kaplan (continued)

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. Clayton Sydney Smith

The Board of Trustees expresses its sorrow at the death on July 10, 1967, of Clayton Sydney Smith, Professor Emeritus in the Department of Physiological Chemistry.

Dr. Smith was born April 23, 1887, at Newark, New Jersey. He received his B.Sc. and M.Sc. degrees from Rutgers in 1909 and 1912, respectively. At Rutgers he was awarded the Suydam prize in Natural Science. During his postgraduate study at Columbia, he was elected to membership in Sigma Xi and to Phi Lambda Upsilon (honorary chemical fraternity). He was awarded the Ph. D. degree in biochemistry in 1913.

From 1914-18, Dr. Smith was Associate in Physiological Chemistry in the College of Medicine, University of Illinois, and from 1918-20, Associate in Physiology at Northwestern University where he received his M. D. degree in 1920. He was awarded the Nu Sigma Nu (social fraternity) at Northwestern University. He came to Ohio State as Assistant Professor of Physiological Chemistry and Pharmacology in 1920 and was made Professor and Chairman of the Department in 1921. He continued in this position until retirement in 1957 when he was made Professor Emeritus.

Although Dr. Smith had no formal military service, he conducted drug assays and toxicological investigations for the U. S. Army Depot at Chicago during World War I. During this period, he taught clinical chemistry to a group of naval officers from the Great Lakes Training Station. Throughout his career he has been interested in the application of science in the detection of crime and was one of the charter members of the Society for the Scientific Detection of Crime which was founded in Columbus during World War II. He was president of this society in 1944.

During his early years at Ohio State, Dr. Smith practiced medicine part time in Grandview Heights. He was a member of the Board of Health of Grandview from 1932 to 1942, and its president from 1940 to 1942. He was a member of Optimist International, University Lodge and several other Masonic bodies, and the First Congregational Church.

Dr. Smith belonged to several scientific societies including the American Chemical Society, and the Columbus Academy of Medicine. He was a Fellow of the American Institute of Chemists and of the American Academy of Forensic Sciences. He was a member of Alpha Omega Alpha at Ohio State. In 1959, he was given the Award of Merit, the first occasion on which this award was made by the College of Medicine.

November 9, 1967 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

E. Clayton Sydney Smith (continued)

Dr. Smith's principal activities during his 37 years of service at Ohio State were teaching courses in Physiological Chemistry and Pharmacology to first and second year medical students, organizing and teaching a course in toxicology, advising M.Sc. and Ph.D. graduate students, and administering the affairs of the Department. He served on numerous college and university committees during his long service under four deans, two acting deans, and four presidents. He was author of some twenty scientific papers on a broad range of subjects. For many years, he conducted a toxicology laboratory in Hamilton Hall in cooperation with the Department of Pathology and the County Coroner.

Dr. Smith is a familiar and fondly remembered personage to many of his colleagues and former students. He has made many contributions to medical education and to his Department in the College of Medicine.

On behalf of the members of the Faculty of the College of Medicine and his colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty of the College of Medicine, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORT

A. Report from the Finance and Investment Committee

1. Report on the University's Investment Portfolio, Accountant's Report on the University Dormitory Revenue Bond Funds, and Statement of Policy for the Management of The Ohio State University Endowment Portfolio

Upon the motion of Mr. Safford, seconded by Mr. Shocknessy, the Board of Trustees by unanimous vote:

- (a) Accepted the report on the University's Investment Portfolio, dated November 8, 1967, as submitted to the Finance and Investment Committee, and directed that said report be filed with the official records of the Board of Trustees;
- (b) Accepted the Accountant's Report on the University Dormitory Revenue Bond Funds, dated June 30, 1967, submitted by the firm of Peat, Marwick, Mitchell & Co., and directed that said report be filed with the official records of the Board of Trustees;

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the Finance and Investment Committee (continued)

1. Report on the University's Investment Portfolio, Accountant's Report on the University Dormitory Revenue Bond Funds, and Statement of Policy for the Management of The Ohio State University Endowment Portfolio (continued)

- (c) Adopted the following statement and directed that said statement be included in the minutes of this meeting:

STATEMENT OF POLICY FOR THE MANAGEMENT OF THE
OHIO STATE UNIVERSITY ENDOWMENT PORTFOLIO

Background Information:

Col. Ralph D. Mershon left \$7,438,142 to the University on September 24, 1953. In his bequest he directed the Trustees as follows:

That the whole of the said property and estate so given, devised and bequeathed to The Ohio State University, with all increases and appreciation in the principal thereof, shall be forever kept intact as a permanent fund under the name of The Ralph D. Mershon Fund, and the income only thereof expended, and that the principal of said fund, together with all increases and appreciation thereof, be kept invested in well selected and well diversified common stocks of going concerns, or their equivalent, and not in preferred stocks or bonds. By the equivalent of common stocks I mean preferred stocks, bonds or other similar securities which have the element of safety supposed to inhere in fixed securities and also shall, through conversion privileges, participation privileges, or other similar devices, enjoy equal rank with the common stock of the enterprise to which they pertain as to appreciation in value of the property of the corporation and in the matter of earnings therefrom and upon the further condition, nevertheless, that not less than one-half of the income of said fund shall be used in such manner as in the judgment and discretion of said The Ohio State University shall best promote, encourage and carry on civilian military education and training in the United States and its territories.

Mershon Funds must be invested in accord with the above instruction. Other donated funds may be invested in bonds, preferred stocks, or common stocks as may be prudent, at a given time.

Comparative Data:

For the fiscal year ended June 30, 1967, endowment earnings from all sources, including the State Treasurer irreducible debt funds, accounted for 1% of the University's operating budget. This is far too little for a University of The Ohio State University's size and complexity. The endowment funds can be increased by new gifts and appreciation of assets. Also when circumstances permit, reinvestment of earnings will increase the endowment.

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the Finance and Investment Committee (continued)

1. Report on the University's Investment Portfolio, Accountant's Report on the University Dormitory Revenue Bond Funds, and Statement of Policy for the Management of The Ohio State University Endowment Portfolio (continued)

Regardless of method, endowment funds must be markedly increased.

The standing of OSU with respect to other state universities who have achieved respectable endowments is shown below:

<u>University</u>	<u>Endowment (millions)</u> ¹
1. University of Texas	\$478.9
2. University of California	209.4
3. University of Virginia	82.2
4. University of Michigan	55.1
5. The Ohio State University	35.5
6. University of Minnesota	29.5
7. Rutgers University	28.1
8. Purdue University	22.5
9. University of Wisconsin	16.8
10. University of Vermont	12.9

It should be noted that the sum of the endowments of the first two far exceeds the sum of the endowments of the other eight.

The endowment funds of The Ohio State University, while largely designated, do include as the largest item the Mereson Fund, half of the earnings of which are for "civilian military training" and half to be used at the discretion of the Board of Trustees.

Purpose:

The purpose of The Ohio State University Endowment Portfolio is to provide funds for those things which cannot be supported by other University resources. The purpose is not to provide income to be expended in lieu of taxes and student fees, but rather an income additional to taxes and student fees in the University's pursuit of excellence.

Policy:

The policy under which The Ohio State University Endowment Funds are to be invested is simply stated:

The fund shall be prudently invested in equities traded on the New York Stock Exchange, or the American Stock Exchange, except for Banks and Insurance Companies, which shall be invested in wherever the equity chosen has reasonable volume of trading and the proposed investment has the unanimous support of the Finance and Investment Committee.

¹As published in "Institutional Investor," September 1967, Vol. 1, No. 7.

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Report from the Finance and Investment Committee (continued)

1. Report on the University's Investment Portfolio, Accountant's Report on the University Dormitory Revenue Bond Funds, and Statement of Policy for the Management of The Ohio State University Endowment Portfolio (continued)

The policy for selecting equities as candidates for investment is to attempt to choose those situations capable of returning reasonable income with fine growth possibilities.

Whenever market conditions make it appear wise to do so, endowment funds may be invested in short-term governments and/or agencies wherein the investment maximizes the interest return.

The fund shall be kept fully invested at all times.

The fund is a long-term investment fund, and not a rapid turnover or trading type of endeavor.

The income from the Mershon bequest shall be held in interest-bearing securities approved by the Board of Trustees' Finance and Investment Committee pending its use for purposes as authorized by the Board of Trustees.

Modus operandi:

Recommendations for trading shall be brought to the attention of the Finance and Investment Committee and such trading shall take place only after a majority vote of said committee approves such action.

Wherever it seems wise to do so between meetings, the Vice President for Business and Finance shall poll the committee by telephone and report the result at the next meeting of the committee for ratification. Trading may proceed on the basis of the telephone vote.

B. Reports from the President

Several items of interest and pleasure were reported to the Board for information and the record. They were as follows:

1. Accreditation of University Hospitals

The Board of Commissioners of the Joint Commission on Accreditation of Hospitals in a communication dated October 20, 1967, has advised that The Ohio State University Hospitals are "accredited for a period of three years or until a subsequent survey is conducted." This certificate of accreditation is a result of the evaluation of the hospital survey conducted on September 12, 13, and 14, 1967. It should be noted that the above-referred-to communication included the following statement of commendation:

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

B. Reports from the President (continued)

1. Accreditation of University Hospitals (continued)

The dean and the staff are to be congratulated on their successful integration of all patients into the organized teaching and patient-care program, and on evidences of superb quality control as observed specifically in the clinical laboratories, the pharmacy and central supply.

2. Student Fee Increases Approved by the Ohio Board of Regents

The increases of student fees adopted on September 14, 1967, by the Board of Trustees of The Ohio State University to become effective Winter Quarter, 1968, were approved by the Board of Regents at its regular meeting on October 20, 1967, pursuant to Senate Bill 350.

3. Resolutions from Wright State University

The Board of Trustees of Wright State University at its initial meeting on October 5, 1967, requested that the following resolutions be forwarded to the Board of Trustees of The Ohio State University:

Resolution Authorizing Continued Administrative Services

WHEREAS: the Board of Trustees and the Presidents and other officials of The Ohio State University and Miami University have been doing all things necessary to conduct the legal, fiscal, personnel and all other functions of Wright State Campus, and

WHEREAS: the Board of Trustees of Wright State University is now by certification of the Ohio Board of Regents to the Governor, and the filing of such certification by the Governor with the Secretary of State, authorized to exercise its powers, therefore be it

RESOLVED: that the Board of Trustees of Wright State University does hereby authorize the Board of Trustees and the Presidents and other officials of The Ohio State University and Miami University to continue the administrative services necessary to conduct the functions of Wright State University, formerly known as Wright State Campus, until the President or the Business Manager of Wright State University shall notify the Presidents of Ohio State University or Miami University from time to time that each administrative function is properly and legally in operation at Wright State University; furthermore be it

RESOLVED: that all employment contracts and other contracts entered into for the benefit of Wright State Campus by The Ohio State University and Miami University, be and hereby are ratified, confirmed and continued in full force and effect until replaced by contracts legally issued by Wright State University.

X. REPORTS (continued)

B. Reports from the President (continued)

3. Resolutions from Wright State University (continued)

Resolution of Gratitude to The Ohio State University

WHEREAS, responsibility for the establishment of Wright State University as a state operated institution of higher education was placed in large measure in the hands of The Ohio State University and Miami University; and

WHEREAS, the establishment of Wright State University is now accomplished; and

WHEREAS, the realization of this goal was diligently and continuously pursued by the Board of Trustees of The Ohio State University, which Board evidenced full cooperation and absolute good faith in the accomplishment of this fact; and

WHEREAS, the supply of expertise, knowledge, and practical experience which the Board of Trustees of The Ohio State University made available through its President, staff, and faculty aided immeasurably in the formulation of this newest of State universities, particularly in the areas of the sciences, mathematics, psychology, and engineering; now therefore be it

RESOLVED, that an initial act of this Board be to express its sincere gratitude to the Board of Trustees, President, staff, and faculty of The Ohio State University for its participation; and be it further

RESOLVED, that such gratitude is hereby expressed; that a duly authenticated copy of this resolution be forwarded to the Board of Trustees of The Ohio State University; and that this resolution be spread upon the minutes of this meeting.

4. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks and activities to take place in the near future. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

- a. The official Autumn Quarter enrollment report lists a total of 38,834 students on the Columbus campus. Of these 6,271 are in the Graduate School and 3,281 in the professional colleges. Enrollment at the Branch campuses total 3,866 students. Ohio State's grand total enrollment is 42,700, an increase of 1,493, or 3.6 per cent, over last Autumn's figures.
- b. Representatives of The Ohio State University will serve as hosts and participate in the 81st annual convention of the National Association of State Universities and Land-Grant Colleges to be held in Columbus, November 12-15, 1967.

November 9, 1967 meeting, Board of Trustees

X. REPORTS (continued)

B. Reports from the President (continued)

4. Highlights of University Activities (continued)

- c. Ohio State's first multi-level, 600-car parking garage was opened on November 8. University officials have set up procedures for using it to ease the crowded parking conditions on the central campus.
- d. The College of Pharmacy building was officially dedicated on October 17, 1967. The new building of five floors complete with greenhouse, was built at a cost of \$3.4 million and is located in the University's Medical Center.
- e. The School of Journalism has enrolled the first 10 students in its new international journalism program, designed to train news specialists who can bridge the gap between foreign news developments and the American press. The President introduced Miss Christine Ann Jindra, a third-year student in the School of Journalism, who was present at the meeting to report for The Ohio State Lantern.

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Thereupon the Board adjourned to meet Thursday, December 14, 1967, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

Bertram D. Thomas
Acting Chairman

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APPENDIX II

Amendments to Certain Rules for the University Faculty

as Approved by the Faculty Council
on October 3, 1967

Adopted by Board of Trustees November 9, 1967
(See page 306)

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Rules for the University Faculty

On October 3, 1967, the Faculty Council approved the following revision of Rules and changes as underscored in Rules 11.1106, 13.09, 13.11, 27.0701, 29.01, 29.03, 29.2705, 29.2707, 29.2709, 29.2713, 29.2719, 29.2721, 41.15, 45.03, 53.0701, 53.0703, 53.0705 (New), and 54.05. Rules 11.1301, 11.1303, 29.05, and 29.07 were deleted since they are no longer applicable.

11.1106. Executive Dean for Student Relations.*

Section 3. The principal administrative officials of the Office of Student Relations shall be those Associate Deans and Directors who are in charge of Student Housing, Student Organizations and Activities, Student Discipline, Student Health, Student Financial Aids, Athletics, Ohio Union Programs, Counseling, and Orientation and Testing.

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13.09. Research Institutes; Establishment and Administration.*

Research Institutes shall be established or abolished by the Board of Trustees upon recommendation of the Research Council and Faculty Council. Each Research Institute shall be administered by a Board having such membership and authority as determined by the Research Council (see Rule 29.2707) and approved by the Faculty Council and the Board of Trustees.

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13.11. Director, Mershon Center for Education in National Security.*

Section 1. The Director, Mershon Center for Education in National Security, shall have the responsibility and authority for formulating and administering the program of the Center financed by the civilian-military portion of the Mershon Fund and other funds that are made available. He shall provide active leadership in developing and maintaining a program of education and research in national security which will support and be in harmony with the general educational and research aims of the University. In carrying out these duties, he shall consult with the Mershon Committee on Education in National Security (see Rule 29.2719).

Section 2. The Director, Mershon Center for Education in National Security, shall report to the President through the Vice President for Academic Affairs and Provost.

Section 3. The Director shall, following consultation with the Committee, be responsible for recommending through the Vice President for Academic Affairs and Provost to the President and the Board of Trustees the annual budget for the Center.

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27.0701. Membership.

- d. Representative from the Council of Graduate Students. A representative from the Council of Graduate Students shall sit with the Graduate Council as a member but without vote (see Rule 53.0705).

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Rules for the University Faculty (continued)

29.01. Membership.

There shall be a Faculty Council constituted as follows:

- a. Ex Officio Members. There shall be twenty-two ex officio members: The President; the Vice President for Academic Affairs and Provost; the Secretary of the University Faculty; the Dean of the Graduate School; the Dean for Undergraduate Programs in the Arts and Sciences; the Deans of the Colleges; and the Director of Libraries.
- b. Elected Members. The number of elected members shall be three times the number of ex officio members. Accordingly there shall be sixty-six members of the University faculty on Regular contract, distributed among and elected by each college, academic unit not assigned to a college, and branch campus with a resident faculty and its own faculty council. For the purposes of this section there are three academic units not so assigned: (1) the library, (2) the Departments of Physical Education, and (3) the Departments of Military, Naval, and Air Science. Each college, each such academic unit, and each such branch campus shall constitute an election district from which shall be elected the number of members as specified for each election by the Committee on Elections for the Faculty Council, and shall elect at least one member. No person is eligible to represent one college, academic unit, or branch campus while serving as representative of another.
- c. Alternate Members. Each member of the Faculty Council is expected to attend its meetings regularly but alternate representatives shall be designated for each election district in order to assure full attendance at meetings when regular representatives are justifiably absent.

When a regular member is off duty or unable to attend a meeting of the Faculty Council, he shall notify the Secretary of the Council in advance of the meeting, giving the name of the alternate who will represent him. The alternate so designated shall then have the general powers and privileges in the Faculty Council of the person whom he represents.

Alternates shall be designated as follows: (a) alternates for ex officio members--each ex officio member shall designate his alternate; (b) alternates for elected members--unsuccessful candidates for election shall constitute a panel of alternates in each election district, in the order of votes which they received in the election.

- d. Representative from the Council of Graduate Students. A representative from the Council of Graduate Students shall sit with the Faculty Council as a member but without vote (see Rule 53.0705).

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Rules for the University Faculty (continued)

29.03. Elections.

Section 1. Elections to the Faculty Council shall be administered and supervised by a committee of three chosen by the Council from its elected members and known as the Committee on Elections for the Faculty Council. The first terms of membership on this committee shall be one, two, and three years. Thereafter each member's term shall be three years. All decisions of this committee shall be subject to the approval of the Faculty Council.

Section 2. Elections shall be held in the Spring Quarter of each year for terms beginning in the following Autumn Quarter. Each member shall be elected for three years and shall for one year immediately thereafter be ineligible for election. Service to complete an unexpired term, and service as an alternate, do not affect eligibility.

Section 3. The Committee on Elections shall determine which election districts are entitled to more representatives than one in accordance with the following formula:

- a. Determine how many University faculty members within the election district are on Regular contract and are based at least 75 percent on the Columbus campus;
- b. Apportion the elected membership so that each election district is represented in that proportion which its members as described above bear to the total of such members in the University, but each election district shall have at least one representative.

Section 4. Representatives from branch campuses shall be elected in accordance with whatever procedures are in effect at such campuses. Other members shall be elected from nominees solicited from colleges and other academic units. The Committee on Elections shall make up a ballot consisting of names three times the number to be elected from the college or academic unit. Such names shall not be placed on the ballot until the person named has been given an opportunity to decline nomination, and priority in choice of names shall be accorded to the frequency of their appearance on the returns from solicitation of colleges and other academic units.

The Committee on Elections shall mail the ballots to University faculty members on Regular contract wherever located, and they shall be cast by mail. The Committee shall declare as representatives from the respective colleges or academic areas those persons receiving the largest number of votes.

Section 5. In the event of vacancy during the term of an elected member, the Faculty Council shall elect an interim successor from the same election district to serve until the next general election, when the vacancy shall be filled by election for the unexpired term.

Rules for the University Faculty (continued)

29.2705. The Library Council.

Section 1. The Library Council shall consist of six teaching members of the University Faculty; the Vice President for Academic Affairs and Provost; the Vice President for Research; the Dean of the Graduate School; the Director of Libraries; and a representative from the Council of Graduate Students (see Rule 53.0705). The President, on recommendation of the Vice President for Academic Affairs and Provost shall appoint the six faculty members for four-year terms, one or more to retire each year and to be ineligible for re-appointment during one year thereafter. The Chairman shall be elected from among the teaching faculty members of the Library Council and he shall report to the Faculty Council.

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29.2707. Research Council.

Section 1. Membership. The Research Council shall consist of eighteen members chosen as follows:

- a. Appointed Members. Sixteen members of the Graduate Faculty, two from each of the eight graduate areas (as defined in Rule 27.0701), but not more than one from any department or school, shall be appointed by the President in consultation with the Vice President for Research and the Dean of the Graduate School. None of the appointees shall be executive officers of any college. Appointees shall have significant research experience, duties, and interests. These members shall be appointed to a three-year term, the appointments to be staggered 6-5-5 cyclically. No appointed member shall be eligible for re-appointment during one year thereafter.
- b. Ex-officio Members. Two ex-officio members, or delegates of their choice, shall serve as voting members: the Vice President for Research, and the Dean of the Graduate School.

Section 2. Associates. Because of their relevant responsibilities and expertise, the following or their delegates are expected to meet frequently with the Research Council:

The Executive Director of The Ohio State University Development Fund;

The Director, Mershon Center for Education in National Security;

The Executive Director of the Research Foundation;

The Director of the Ohio Agricultural Research and Development Center;

The Director of the Engineering Experiment Station;

The Director of Libraries.

(The list is intended to be suggestive rather than exhaustive.)

Rules for the University Faculty (continued)

29.2707. Research Council. (continued)

Section 3. Organization:

- a. The Research Council will normally meet once each month during the academic year, and in summer as need may appear. The Steering Committee (Part c) may elect to schedule additional meetings or to cancel a scheduled meeting.
- b. Meetings of the Research Council shall be chaired by the Vice President for Research. The Research Council shall annually elect a Vice Chairman from the appointed membership, to serve for a term of one calendar year, ineligible to succeed himself. The Vice Chairman shall preside at Research Council meetings in the absence of the Vice President for Research, shall chair the Steering Committee, and shall serve as half-time Associate in the Office of Research.
- c. The Research Council shall annually (at the last Spring Quarter meeting) elect three of its appointed members to serve on a Steering Committee; the Vice Chairman of the Research Council shall serve as the fourth member and Chairman. The Steering Committee, in consultation with the Vice President for Research, is charged with preparation of agenda and in general with responsibility for ensuring that the Council's work is effectively carried on. The Steering Committee may from time to time represent the Council at its direction, and subject to its final approval.
- d. Each college shall have a committee, the duties of which shall include responsibility for stimulating scholarly activity and assisting the faculty in obtaining support and facilities necessary for research. The membership, method of appointment, and specific responsibilities of these committees shall be determined by the corresponding college faculties, except that each college committee shall include one member of the Research Council.
- e. The Research Council shall be provided with such secretarial and other staff assistance as may be required for efficient and effective conduct of business.
- f. Membership on the Research Council shall be recognized as direct service to the University; the member's normal departmental duties shall be appropriately reduced, and the department shall be provided with funds with which to replace the services so released.

Section 4. Functions. The Research Council is charged with encouraging and stimulating research and scholarly activity, and assisting in obtaining support. It shall provide a communication channel between faculty and those responsible for obtaining and administering funds. The Research Council shall be consulted on all major research fund allocations, and on all matters of University planning that affect research; in turn it is charged with responsibility for ensuring that the research needs of the University are adequately represented in the formulation of the University's plans, policies, and budgets. The Council is expected to work

Rules for the University Faculty (continued)

29.2707. Research Council. (continued)

in close consultation with the Vice President for Research. In matters of joint interest, the Research Council is expected to work in cooperation with the Council on Academic Affairs. Specifically, the Council shall have the following duties and responsibilities:

- a. To become familiar with the research activities carried on by the University faculty and staff, and with available and potential sources of research support.
- b. To foster existing research and to stimulate the development of new programs.
- c. To study and where appropriate in consultation with experts or committees having knowledge or responsibilities in specific areas, or with the Graduate Council or the Council on Academic Affairs, recommend to the Faculty Council policies with respect to research activities, facilities, personnel, University organization, and plans for future development.
- d. To provide advice and information concerning research activities and available resources, and to be available to any faculty member or group to assist in planning and obtaining support for research.
- e. Under authority delegated by the Faculty Council, to be responsible for making recommendations concerning the establishment, affiliation, and abolition of research institutes, centers engaged in research activities, and other comparable organizations, and for determining the membership and authorities of their boards or governing bodies (see Rule 13.09).

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29.2709. Council on Student Affairs.

Section 1. The Council on Student Affairs shall consist of 12 members as follows:

- d. The Associate Dean for Student Relations who coordinates all student activities.
- e. The Associate Dean for Student Relations who coordinates student housing.

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29.2713. Faculty Advisory Committee to the President and the Board of Trustees.*

Section 2. At the opening of each Spring Quarter, the Committee on Elections for the Faculty Council shall poll the University Faculty for nominations for membership of the Committee. Each faculty member may nominate one member of the University Faculty for membership on the Committee, regardless of the number of vacancies to be filled. The persons most frequently nominated, in a number twice

Rules for the University Faculty (continued)

29.2713. Faculty Advisory Committee to the President and the Board of Trustees.*

the number to be elected, shall constitute the slate of nominees. Upon report of this slate to the Committee on Elections for the Faculty Council, the elected members of the Council annually at its June meeting shall elect by secret ballot from the nominees so presented a sufficient number to fill then occurring vacancies. New Committee members shall serve beginning with the quarter next following their election.

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29.2719. Mershon Committee on Education in National Security.

Section 1. The Mershon Committee on Education in National Security shall consist of six faculty members appointed by the President for three-year terms. Two members shall be appointed each year. Members shall be eligible for re-appointment. The Director, Mershon Center for Education in National Security, shall serve as Chairman of the Committee.

Section 2. The Mershon Committee on Education in National Security shall function principally in an advisory capacity to the Director (see Rule 13.11) with respect to the development of a program of education and research in national security which will support and be in harmony with the general educational and research aims of the University. The Committee shall be charged with the responsibility of insuring that the program makes a significant and continuing contribution to the University-wide program for education and research in national security.

Section 3. This Committee shall be responsible for making recommendations to the President regarding the appointment of the Director, Mershon Center for Education in National Security, as a vacancy arises. Established University procedures for appointing academic personnel shall be followed.

Section 4. Reports by this Committee to the President shall be transmitted by the Director through the Vice President for Academic Affairs and Provost.

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29.2721. Committee on Academic Misconduct.

Section 1. The Committee on Academic Misconduct shall consist of three members of the University Faculty, one representative from the Council of Graduate Students (see Rule 53.0705), one undergraduate or professional student, and without vote, the Executive Dean for Student Relations, ex officio. The three members of the University Faculty shall be appointed by the President for a term of three years, the appointments to be made annually so that one member will retire each year. No member of the University Faculty shall serve more than two consecutive terms. The student member shall be appointed by the President for a term of one year. This appointment shall be made from nominations (no less than four in number) of students with at least junior standing, the nominations to be made by the Student Senate in a manner prescribed by the Student Senate.

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Rules for the University Faculty (continued)

41.15. Student Addresses.

Upon entering the University, each student shall give in writing his local address and his home address to the Registrar, and shall report promptly all subsequent changes in either address to the Registrar's Office, his College Office, and to the Office of Student Housing as long as he is connected with the University.

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45.03. Group Absences.

Section 2. Group absences which are a necessary part of a class scheduled in the University must be authorized by the Chairman of the Department or Director of the School in which the class is scheduled. Group absences which are a necessary part of a non-class function of the University must be authorized by the Office of the Associate Dean for Student Relations who coordinates all student activities. In the latter instance, the person authorizing the absence shall file in the Office of the Associate Dean for Student Relations, a letter containing (1) a list of names of all of the students involved, (2) the dates and times of the absence, and (3) a complete explanation of the purpose of the absence. The person authorizing the absence shall distribute a copy of this letter to each student involved in the group absence.

The student may then present his copy of the letter to each Instructor of the classes from which the student will be absent. This letter may be the basis of an excuse for an absence from class under the policies provided in Rule 45.01.

Section 3. In all instances of group absences in which women students will be absent from the University before 6:30 a.m. and after 12:00 p.m., the Associate Dean for Student Relations who coordinates student activities should be notified in advance of the names of all women students involved.

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53.0701. Student Senate.

Section 3. The officers of the Student Senate shall include the President, Secretary, and such additional officers as are provided for in the constitution of the Student Senate. The Senate President shall also serve as President of the student body which is represented by the Student Senate. A member of the Student Relations staff shall serve as adviser to the Student Senate.

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53.0703. Women's Self Government Association.

Section 2. The officers of the Women's Self Government Association shall include the President, a Vice President and such additional officers as are provided for in its constitution. A member of the Student Relations staff shall serve as adviser to the Women's Self Government Association.

Rules for the University Faculty (continued)

53.0703. Women's Self Government Association. (continued)

Section 4. The Women's Self Government Association shall be empowered to:

- a. Develop programs which carry out the purposes outlined in Section 3 above
- b. Make recommendations to the Executive Dean for Student Relations regarding rules governing the non-academic student life of women students; and
- c. Adjudicate alleged violations of the rules established by the Executive Dean for Student Relations relating to the non-academic life of women students to assess disciplinary penalties not exceeding probation to the Women's Self Government Association, and to make recommendations to the colleges or the Executive Dean for Student Relations regarding more serious disciplinary penalties.

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53.0705. Graduate Student Representation on University Committees.

Section 1. Each of the following Committees or Councils shall include in its membership one representative from the Council of Graduate Students: the Faculty Council, the Graduate Council, the Advisory Committee on Cultural Programs, the Committee on Academic Misconduct, the Library Council, the Ohio Union Council, and the University Scholarship and Loan Committee. Membership shall include the right to vote except on the Faculty Council and the Graduate Council.

Section 2. The Council of Graduate Students shall be responsible for selecting two nominees for each position and shall submit their names and vitae to the President who shall appoint one of the nominees for a term of one year.

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54.05. The Ohio Union Council.*

The Ohio Union Council shall consist of eighteen members chosen as follows:

- a. Nine student members chosen in accordance with rules established by The Ohio Union Council.
- b. One representative from the Council of Graduate Students (see Rule 53.0705).
- c. Seven faculty and staff members chosen as follows: (1) the Vice President for Business and Finance; the Executive Dean for Student Relations, and the Director, Ohio Union, ex officio; (2) the Program Director, Ohio Union, ex officio, but without the right to vote; (3) two members of the University Faculty, and (4) one residence halls staff representative. The faculty and staff members shall be appointed by the President for a term of two years.
- d. One Alumni member designated by The Ohio State University Association for a term of two years under such procedures as the Association shall adopt.

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-SIXTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 14, 1967

The Board of Trustees met at its regular monthly meeting on Thursday, December 14, 1967, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, John G. Ketterer, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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December 14, 1967 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Degrees and Certificates Conferred -
Autumn Quarter Commencement Convocation

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 15, 1967, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix III, page 377.)

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the November 9, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board of Trustees. These changes included the following Changes in Administrative Responsibility, Promotions, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Changes in Administrative Responsibility

Paul G. Craig from Professor in and Chairman of the Department of Economics to Dean of the College of Social and Behavioral Sciences, effective January 1, 1968, at a salary of \$27,276.00 per annum. Dr. Craig will continue to hold an appointment as Professor in the Department of Economics at "No Salary."

Frederick W. Hebbard from Professor in and Director of the School of Optometry to Dean of and Professor in the College of Optometry, effective January 1, 1968, at a salary of \$15,768.00 per annum.

James R. McCoy, Dean of the College of Commerce and Administration, to serve as Dean of the renamed College of Administrative Science, effective January 1, 1968.

December 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

Ronald W. Brady promoted from Director of the Office of Administrative Research and Data Processing in the Office of the Provost of the University to Associate Provost and Director of University Budgets, effective January 1, 1968, at a salary of \$22,668.00 per annum.

Richard A. Griesemer promoted from Professor and Acting Chairman to Professor and Chairman of the Department of Veterinary Pathology, effective December 1, 1967, at a salary of \$24,168.00 per annum.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Pauline Hall, Associate Professor (Extension Nutritionist), effective January 1, 1968 through June 30, 1968, to participate in a program of professional improvement at The Ohio State University.

Robert S. Crawford, Instructor (County Extension Agent, Agriculture) Lawrence County, effective December 16, 1967 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Philip L. Grover, Instructor (County Extension Agent, Agriculture) Fayette County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

George W. Hothem, Instructor (County Extension Agent, Agriculture) Carroll County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Dennis M. Kirven, Instructor (County Extension Agent, Agriculture) Tuscarawas County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

December 14, 1967 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence With Salary (continued)

Robert W. Lahmers, Instructor (County Extension Agent, 4-H) Harrison County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

Richard S. Sechrist, Instructor (Supervisor, Dairy Testing), effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

William H. Johnson, Professor and Associate Chairman, Department of Agricultural Engineering, effective March 16, 1968 through May 15, 1968, to serve as a consultant at the College of Agricultural Engineering, Punjab Agricultural University, Punjab, India.

Hugh MacCullough Davidson, Professor, Department of Romance Languages, effective January 1, 1968 through March 31, 1968, to accept a National Humanities Foundation grant.

Robert B. Lewis, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective December 1, 1967 through June 30, 1968, to participate in a program of professional improvement at North Carolina State University.

E. Emeritus Title

Christine Newark, School of Home Economics, with the title Professor Emeritus, effective November 1, 1967.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the Changes in Administrative Responsibility, Promotions, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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December 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, A Phytochemical Search for Medicinal Constituents (to be known as National Institutes of Health Project No. 865-I - Ext. #9 - College of Pharmacy).
Gross Value - \$26,515.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Clinical Research Center (to be known as National Institutes of Health Project No. 1196-G - Ext. #7 - Department of Medicine).
Gross Value - \$380,551.00.
- a3. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Exchange Protolysis of Molecules in Solution (to be known as National Institutes of Health Project No. 1383-F - Ext. #6 - Department of Chemistry).
Gross Value - \$31,348.00.
- a4. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Hemodynamics Studies (to be known as National Institutes of Health Project No. 1409-F - Ext. #6 - Department of Physiology).
Gross Value - \$13,638.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Factors Affecting Glutamic Dehydrogenase (to be known as National Institutes of Health Project No. 1631-D - Ext. #4 - Department of Physiology).
Gross Value - \$15,144.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, CO₂ Transients Associated with Hyperventilation (to be known as National Institutes of Health Project No. 1647-D - Ext. #4 - Department of Physiology).
Gross Value - \$15,670.00.

December 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a7. Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Arlington, Virginia, The Nurse-Monitor in a Patient Care System (to be known as Bureau of Health Manpower Project No. 1651-D - Ext. #4 - Department of Business Organization).
Gross Value - \$58,747.00.
- a8. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of C1-36 Labeled DDT in Natural Systems (to be known as U. S. Atomic Energy Commission Project No. 1794-A - Mod. #5 - Department of Zoology and Entomology).
Gross Value - \$14,000.00.
- a9. Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., Studies in Piloting Performance Under Stress (to be known as U. S. Army Medical Research and Development Command Project No. 1857 - Mod. #7 - Department of Preventive Medicine).
Gross Value - \$72,388.00.
- a10. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as National Institutes of Health Project No. 2090-B - Ext. #2 - Department of Physiological Chemistry).
Gross Value - \$21,576.00.
- a11. National Center for Urban and Industrial Health, Public Health Service, Cincinnati, Ohio, Driver Sensory Capability and Its Effect on the Driving Task (to be known as National Center for Urban and Industrial Health Project No. 2091-B - Ext. #2 - Engineering Experiment Station).
Gross Value - \$53,719.00.
- a12. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Experimental and Theoretical Investigations of the Elementary Particles of Matter (to be known as U. S. Atomic Energy Commission Project No. 2116-A - Mod. #2 - Department of Physics).
Gross Value - \$265,000.00.

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Pressure-Flow Relationships of Brain Circulation (to be known as National Institutes of Health Project No. 2124-B - Ext. #2 - Department of Surgery).
Gross Value - \$25,200.00.
- a14. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Mental Health, Bethesda, Maryland, Verbal Learning Conference (to be known as National Institutes of Mental Health Project No. 2207-A - Ext. #1 - Department of Psychology).
Gross Value - \$5,400.00.
- a15. National Science Foundation, Washington, D. C., Nuclear Physics Research with 5.5 MeV Van de Graaff Accelerator (to be known as National Science Foundation Project No. 2549 - New - Department of Physics).
Gross Value - \$210,600.00.
- a16. Systems Engineering Group, (AFSC), Wright-Patterson Air Force Base, Ohio, Proposal for a Theoretical Study of Separated Flows at High Reynolds Number (to be known as Systems Engineering Group Project No. 2550 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$20,000.00.
- a17. National Science Foundation, Washington, D. C., An Electron Transmission Investigation of Defect Interaction in the Diffusion Zone of Binary Diffusion Couples (to be known as National Science Foundation Project No. 2556 - New - Department of Metallurgical Engineering).
Gross Value - \$27,000.00.
- a18. Department of the Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Molecular Structure of Carbanions and the Kinetics of Their Exchange Processes in Solution (to be known as Air Force Office of Scientific Research Project No. 2557 - New - Department of Chemistry).
Gross Value - \$7,044.00.
- a19. National Science Foundation, Washington, D. C., Number Theory, Group Theory, and Geometry of Numbers (to be known as National Science Foundation Project No. 2559 - New - Department of Mathematics).
Gross Value - \$39,500.00.

December 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a20. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, A Study of the Control of the Levels of Enzymes of Arginine Biosynthesis in Higher Plant Cells (to be known as U. S. Atomic Energy Commission Project No. 2560 - New - Department of Botany).
Gross Value - \$20,000.00.
- a21. Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Plasma Diagnostic Techniques and Generation (to be known as Systems Engineering Group Project No. 2561 - New - Department of Physics).
Gross Value - \$25,645.00.
- a22. National Science Foundation, Washington, D. C., Generation of Acoustic Waves in Nonlinear Piezoelectric Crystals by Intense Optical Fields (to be known as National Science Foundation Project No. 2563 - New - Department of Electrical Engineering).
Gross Value - \$9,900.00.
- a23. National Science Foundation, Washington, D. C., Radio Astronomy (to be known as National Science Foundation Project No. 2564 - New - Department of Electrical Engineering).
Gross Value - \$232,300.00.

TOTAL - Government Contracts - Federal \$1,590,885.00.

2. Industrial and Other Contracts

- a1. Illuminating Engineering Research Institute, New York, New York, Studies of the Illumination Requirements for Roadway Visual Tasks (to be known as Illuminating Engineering Research Institute Project No. 872 - Sup. #10 - Institute for Research in Vision).
Gross Value - \$12,863.00.
- a2. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885 - Ext. #10 - Division of Biophysics).
Gross Value - \$22,060.00.
- a3. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Illuminating Engineering Research Institute Project No. 885-A - New - Institute for Research in Vision).
Gross Value - \$7,804.00.

December 14, 1967 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a4. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Check No. J-78927 - Department of Surgery). Gross Value - \$2,746.58.
- a5. Columbus Board of Education, Columbus Public Schools, Columbus, Ohio, Evaluation for Columbus Public Schools - Title I, E-S Education Act of 1965 (to be known as Columbus Public Schools Project No. 2175 - Ext. #2 - School of Education). Gross Value - \$128,280.00.
- a6. Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory, Inc. Project No. 2420 - Amend. #2 - School of Art). Gross Value - \$9,267.00.
- a7. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Geomorphology and Pedology of Amchitka Island, Alaska (to be known as Battelle Memorial Institute Project No. 2508 - Sup. #2 - Institute of Polar Studies). Gross Value - \$18,842.00.
- a8. Illuminating Engineering Research Institute, New York, New York, Relation of Pupil Constriction to Discomfort Glare (to be known as Illuminating Engineering Research Institute Project No. 2532 - New - School of Optometry). Gross Value - \$9,842.00.
- a9. Research Corporation, New York, New York, Electrochemistry of Electron-Photon Energy Conversions (to be known as Research Corporation Project No. 2558 - New - Department of Chemistry). Gross Value - \$5,150.00.
- a10. East Central Ohio Heart Association, Canton, Ohio, An Experimental Evaluation of Celiac Axis Compression (to be known as East Central Ohio Heart Association Project No. 2562 - New - Department of Surgery). Gross Value - \$7,150.00.

TOTAL - Industrial and Other Contracts \$224,004.98

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

The foregoing thirty-three contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,814,889.98.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were unanimously approved by the six members who voted. Dr. Thomas abstained from participation in the discussion of the motion and voting since the contracts listed included one with Battelle Memorial Institute where Dr. Thomas serves as President.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from October 25, 1967 through November 27, 1967, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record:

1. Industrial Research Contracts

EES 250 Ext. #8	Thin Film Hall Effect Devices, F. W. Bell, Incorporated, Columbus, Ohio. Gross Value - \$3,600.00.
EES 306	Investigation of Mixing and Handling Materials Used in Manufacturing of Grinding Wheels, Cincinnati Milling Machine Company, Cincinnati, Ohio 45209. Gross Value - \$30,000.00.

The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$33,600.00.

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IV. GRANTS AND GIFTS

The following gifts to the University were among those received since November 9, 1967, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

December 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund

1. \$27,742.00 from the Trust under the Will of Nellie C. Matthews for the establishment of the Nellie C. Matthews Memorial Fund.

Nellie C. Matthews Memorial Fund

The Nellie C. Matthews Memorial Fund was established December 14, 1967, by the Board of Trustees of The Ohio State University with a bequest from Nellie C. Matthews through The Ohio State University Development Fund, October 10, 1967.

The bequest is to be placed in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

Principal and accumulated interest are to be used to enhance programs of the University Hospitals, upon the recommendation of the Director of University Hospitals, with the approval of the Dean of the College of Medicine.

In the event the need for the University Hospitals' programs ceases to exist or so diminishes as to create unused income, then the Board of Trustees may use said income in its discretion, with preference to be given to the College of Medicine.

2. \$22,200.00 from the Trust under the Will of Glenna R. Joyce for the Glenna R. Joyce Scholarship Fund.
3. \$18,900.00 from the Trust under the Will of Byron W. Davis for the establishment of the Byron W. and Mabel Davis Memorial Fund.

Byron W. and Mabel Davis Memorial Fund

The Byron W. and Mabel Davis Memorial Fund was established December 14, 1967, by the Board of Trustees of The Ohio State University Development Fund from a trust under the will of Byron W. Davis, Engr. W'18, formerly of Columbus, Ohio.

Principal is to be invested under the rules and regulations of said Board of Trustees, with the right to invest and reinvest as occasion dictates.

The income is to be used for general medical research, with primary and overriding preference accorded to the study and research into the causes and cures for rheumatic or connective tissue diseases, including rheumatoid arthritis. If the need for research of this type should diminish so as to not exhaust the resources of the trust, the trust income shall be devoted to research into the causes and cure of some other crippling disease.

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

3. Byron W. and Mabel Davis Memorial Fund (continued)

Wherever it may be feasible and practicable to do so, the University shall accord recognition of advances and accomplishments as having been financed and supported by the Byron W. and Mabel Davis Memorial Fund.

4. \$10,000.00 from Foundation in Refractories Education, Pittsburgh, Pennsylvania, for the F.I.R.E. Fund in Ceramic Engineering.
5. \$10,000.00 from Smith, Kline & French Laboratories, Philadelphia, Pennsylvania, for the Infectious Disease Research Fund.
6. \$9,775.00 from Goodyear Tire & Rubber Company, Akron, Ohio-- \$4,200.00 for the Goodyear Aerospace Fellowship Fund in Aeronautical and Astronautical Engineering, \$4,200.00 for the Goodyear Fellowship Fund in Organic Chemistry, \$1,000.00 for the Goodyear Foundation Scholarship Fund in Chemical Engineering, and \$375.00 as an unrestricted gift to the University.
7. \$8,000.00 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Company Research Fund in the College of Medicine.
8. \$7,000.00 from Ayerst Laboratories, New York, New York, for the Infectious Disease Research Fund.
9. \$6,583.00 from Gulf Oil Corporation Foundation, Pittsburgh, Pennsylvania--\$4,583.00 for the Gulf Oil Corporation Graduate Fellowship and \$2,000.00 for the Gulf Petroleum Grant Fund for the Petroleum Engineering Division of the Department of Chemical Engineering.
10. \$6,000.00 from Cooper-Bessemer Company, Mt. Vernon, Ohio-- \$3,000.00 for the Cooper-Bessemer Scholarship Fund in the College of Engineering and \$3,000.00 for the Cooper-Bessemer Engineering Award Fund in the College of Engineering.
11. \$5,000.00 from Accountant's Fund, Inc., New York, New York, for the Lybrand, Ross Bros. & Montgomery Accounting Fellowship in the Department of Accounting.
12. \$5,000.00 from Ben B. Beyer, Cleveland, Ohio, for the Ben B. Beyer Scholarship Fund in the Department of Business Organization.
13. \$5,000.00 from Ford Motor Company, Dearborn, Michigan, for the Ford Motor Company Fund for Mechanical Engineering.
14. \$5,000.00 from General Electric Company, Ossining, New York, for the General Electric Graduate Research and Study Grant Fund in Aeronautical and Astronautical Engineering.

December 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

15. \$4,506.00 from the Ladies Auxiliary Veterans of Foreign Wars for cancer research in the College of Medicine.
16. \$4,500.00 from the Kennecott Copper Corporation for the Kennecott Copper Corporation Fellowship in Metallurgical Engineering.
17. \$4,158.79 from Ullery, Vorys, Teteris, Neri & Associates, Inc. -- \$2,538.79 for the Medical Research Consultants Fund and \$1,620.00 for the Monkey Fistula Fund.
18. \$3,000.00 from the Guernsey County Cancer Society for the Guernsey County Cancer Society Fund.
19. \$2,600.00 from American Board of Preventive Medicine, Inc. , for the American Board of Preventive Medicine Fund.
20. \$2,500.00 from Buckeye Federal Savings & Loan Co. for the John W. Bricker Professorship in the College of Law.
21. \$2,400.00 from Union Carbide Corporation for the Union Carbide Corporation Fellowship in Welding Engineering.
22. \$2,255.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Fund.
23. \$2,200.00 from the Bristol Laboratories for the Bristol Laboratory Fund in Medical Microbiology.
24. \$2,000.00 from the Lazarus Store Foundation (Robert Lazarus, Sr. and Fred Lazarus, Jr.) for the Student Athlete Grant-in-Aid Fund.
25. \$2,000.00 from Sears-Roebuck Foundation for the Center for Vocational and Technical Education.
26. \$2,000.00 from Emerson S. Zuck for the establishment of the Emerson S. and Lucy J. Zuck Fund.

Emerson S. and Lucy J. Zuck Fund

The Emerson S. and Lucy J. Zuck Fund was established December 14, 1967, by the Board of Trustees of The Ohio State University, with gifts through The Ohio State University Development Fund from Emerson S. Zuck.

The income from the Fund shall be used at the discretion of the Directors of The Ohio State University Development Fund to provide grants-in-aid or low interest-bearing loans to needy and deserving students attending the University, providing:

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

26. Emerson S. and Lucy J. Zuck Fund (continued)

1. The grants or loans will be available only to natural born Americans, without regard to race, creed, or marital status.
2. The grants or loans shall be available only to junior, senior, or graduate students attending the University in any accredited course.
3. No grant or loan to an individual shall be in excess of two-thirds of the total cost of the individual's collegiate expense, including room and board, if the individual lives away from home.

Preference may be granted to students who are qualified and have expectations of entering the teaching profession after graduation. It is requested that nominees for the grants or loans be considered on the basis of their personal character, health, imagination, ability to get along with others, and other traits, as well as scholarship.

In case the need for grants-in-aid or loans should cease or so diminish as to create unused income, then the Directors of the Development Fund may use said income for any purpose at their discretion.

27. \$1,606.85 from Josephine S. Failer--\$1,158.85 for the Men's Glee Club Fund, \$210.00 for the College of Pharmacy Conference Room Fund, \$130.00 for the Presidents Club Fund, and \$108.00 for the Alumnae Scholarship House.
28. \$1,125.00 from Harvey S. Firestone, Jr. for the Presidents Club Fund.
29. \$1,061.62 from Arthur E. Shepard--\$500.00 for the Insurance Hall of Fame Room, \$311.62 as an unrestricted gift to the University, and \$250.00 for the Charles W. Griffith Memorial Fund.
30. \$1,050.00 from the American Cancer Society for the American Cancer Society Fellowship.
31. \$1,010.00 from Kenneth M. Clemons for the College of Dentistry Named Professorship Fund.
32. \$1,000.00 from American Welding & Manufacturing Company for the American Welding and Manufacturing Company Scholarship in Welding Engineering.
33. \$1,000.00 from Erie County Cancer Society for the Erie County Cancer Society Fund for Obstetrics and Gynecology.

December 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

34. \$1,000.00 from The Max M. and Marjorie S. Fisher Foundation, Inc. for the Max M. Fisher Fund.
35. \$1,000.00 from Fred A. Murphy for the Student Athlete Grant-in-Aid Fund.
36. \$1,000.00 from Harold F. Zieg for the Ophthalmologic Center Fund.
37. \$1,000.00 from Mrs. A. B. (Dolly) Cohen for support of a series of educational television programs on a local commercial television station.
38. \$1,000.00 from friends of the University for the establishment of the Newark Campus Scholarship Endowment Fund.

Newark Campus Scholarship Endowment Fund

The Newark Campus Scholarship Endowment Fund was established December 14, 1967, by action of the Board of Trustees of The Ohio State University through gifts to The Ohio State University Development Fund from friends of the University.

Gifts are to be invested in the University's permanent endowment under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as the occasion dictates.

Income is to be used to provide scholarships for students attending the Newark Campus of The Ohio State University. Applicants for the scholarships are to be recommended by the Director of the Newark Campus and are to be approved by the University Scholarship Committee.

If the need for these scholarships should cease to exist or so diminish as to create unused income, then the income may be used at the discretion of the Board of Trustees of the University for any purpose, with preference given to the interests and intent of the donors.

39. \$500.00 from Arthur R. Cline, Attorney-at-Law, Toledo, Ohio, for the establishment of the Arthur R. Cline Fund for College of Law.

Arthur R. Cline Fund for College of Law

The Arthur R. Cline Fund for College of Law was established December 14, 1967, by the Board of Trustees of The Ohio State University by a gift through the Development Fund from Arthur R. Cline, B.A. '23 and J.D. '25.

December 14, 1967 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Received Through the Development Fund (continued)

39. Arthur R. Cline Fund for College of Law (continued)

The principal is to be invested in accordance with rules and regulations therefor adopted by said Board of Trustees, with right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Law as determined by the Dean of said College.

In the event that the College of Law as it now exists should be altered in any reorganization of University colleges, schools, and departments, the Board of Trustees or successor governing body of the University shall direct use of this income for purposes within the field of law, as recommended by the appropriate administrative official of the University then directly responsible for the legal education at The Ohio State University.

TOTAL - Received Through the Development Fund \$193,673.26

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the acceptance of the above gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

B. Report from The Ohio State University Development Fund

In October, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	717	\$ 77,805.62
Individuals other than alumni	93	24,704.86
Nonprofit organizations	31	194,064.66
Business concerns	23	79,985.62
	<u>864</u>	<u>\$376,560.76</u>

Of these gifts, 497 totaling \$6,354.37 were undesignated and 367 totaling \$370,206.39 were designated.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials and estimates of cost for the following projects be approved by the Board of Trustees.

December 14, 1967 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. McCracken Power Plant - Modernization of the No. 3 Boiler

This boiler is being modernized to reduce atmospheric pollution.

Funds for this project will be provided by a transfer of funds from Budget Account 121658 (Contract Repair) to Budget Account 801149 (Construction Account, McCracken Power Plant - Modernization of Boiler #3).

B. University College - Utilities

This project will provide the various utilities required in the area of the new University College and includes water supply, storm and sanitary sewers, gas service and electric service to the outside of the various buildings.

Funds for this project will be provided from Item 235-008 (Ohio Board of Regents, Technical Institutes, Community Colleges, and University Branches) and will be transferred by the Controlling Board to a new account Item 315-057 (University College - Utilities) H. B. 886.

C. Airport Operations Remodeling

This project will allow for the rehabilitation of the existing building with special emphasis on the entrances, lounges, and flight operations area.

Funds for this project will be provided from Budget Account 129060 (Engineering College Improvements Account) and Budget Account 603808 (Flight Training Clinic Account).

D. Center for Tomorrow

This project will provide a building with conference rooms, auditorium, television studios, dining facilities, offices, and dormitory rooms.

Funds for this project will be provided from Budget Account 801035 (Construction Account, Center for Tomorrow).

Upon motion of Mr. Ketterer, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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December 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. Parking Ramp - Ohio Union Site

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 11/16/67)		
Garwick & Ross, Inc. (Columbus)		
Base Bid	\$1,029,700.00	\$1,036,563.00
Alt. G-1 Expansive Cement	+ 11,300.00	+ 10,560.00
Alt. G-3 Prefabricated Toll Booths	- 7,000.00	- 400.00
Total	<u>\$1,034,000.00</u>	<u>\$1,046,723.00</u>
<u>Plumbing Contract</u>		
(1 bid received 11/28/67)		
Piping Contractors Co. (Columbus)		
Base Bid	\$ 75,400.00	\$ 81,000.00
<u>Electrical Contract</u>		
(3 bids received 11/16/67)		
The Electric Power Equipment Co. (Columbus)		
Base Bid	\$ 122,838.00	\$ 151,668.00
Alt. E-2 Electric for Prefabricated Booths	- 45.00	- 100.00
Total	<u>\$ 122,793.00</u>	<u>\$ 151,568.00</u>
<u>Total All Contracts</u>	<u>\$1,232,193.00</u>	<u>\$1,279,291.00</u>

Funds for this project will be provided from Budget Account 801111, (Construction Account - Parking Ramp, Ohio Union Site).

B. Upham Hall Remodeling (Child Psychiatry Clinic)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(9 bids received 11/22/67)		
W. F. Daulton Co., Inc. (Columbus)		
Base Bid	\$ 22,200.00	\$ 32,730.00
Alt. G-1 Carpet, Rms. 260, 262, 264	500.00	750.00
Alt. G-2 Carpet, Rms. 254, 256, 258	540.00	750.00
Alt. G-3 Vinyl Wall Covering - Main Corridor	800.00	1,800.00
Total	<u>\$ 24,040.00</u>	<u>\$ 36,030.00</u>

December 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Upham Hall Remodeling (Child Psychiatry Clinic) (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(1 bid received 11/30/67)		
Grif M. Lewis, Inc. (Columbus)		
Base Bid	\$ 5,728.00	\$ 8,000.00
<u>Electric Contract</u>		
(4 bids received 11/22/67)		
Jess Howard Electric Co. (Columbus)		
Base Bid	\$ 7,747.00	\$ 13,220.00
<u>Total All Contracts</u>	<u>\$ 37,515.00</u>	<u>\$ 57,250.00</u>

Funds for this project are provided in Budget Account 801116, (Hospital Rotary).

C. Golf Course Club House

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 10/17/67)		
Wagenbrenner Construction Co. (Columbus)		
Base Bid	\$ 357,570.00	\$ 416,800.00
Alt. G-2 Hydraulic in Lieu of Electric Elevator	- 2,250.00	---
Negotiated Cutback	- 22,270.00	---
Total	<u>\$ 333,050.00</u>	<u>\$ 416,800.00</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(3 bids received 10/27/67)		
Limbach Co. (Columbus)		
Base Bid	\$ 91,000.00	\$ 92,000.00
Negotiated Cutback	- 4,647.00	---
Total	<u>\$ 86,353.00</u>	<u>\$ 92,000.00</u>
<u>Plumbing Contract</u>		
(3 bids received 10/27/67)		
A-1 Plumbing & Heating, Inc. (Columbus)		
Base Bid	\$ 70,700.00	\$ 76,000.00
Alt. P-2 Packaged Sewage Plant	+ 22,000.00	+ 24,000.00
Negotiated Cutback	- 9,000.00	---
Total	<u>\$ 83,700.00</u>	<u>\$ 100,000.00</u>

December 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Golf Course Club House (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(2 bids received 10/27/67)		
Claggett Electric Co. (Columbus)		
Base Bid	\$ 51,443.00	\$ 54,430.00
Alt. E-1 Service for Hydraulic Elevator	+ 188.00	+ 500.00
Negotiated Cutback	- 1,918.00	---
Total	<u>\$ 49,713.00</u>	<u>\$ 54,930.00</u>
<u>Total All Contracts</u>	<u>\$ 552,816.00</u>	<u>\$ 663,730.00</u>

Funds for this project are provided in Budget Account 801118, (Construction Account, Golf Course Club House).

D. University College - Building No. 2

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 11/30/67)		
Knowlton Construction Co. (Bellefontaine)		
Base Bid	\$1,048,700.00	\$1,444,100.00
Alt. G-2 Sliding Chalkboards	16,000.00	37,800.00
Alt. G-3 Ceramic Tile Toilet Room Walls	7,000.00	10,900.00
Alt. G-4 Aluminum Door Finish	1,400.00	1,200.00
Alt. G-9 Aluminum Louver and Fascia Finish	3,400.00	4,800.00
Total Contract	<u>\$1,076,500.00</u>	<u>\$1,498,800.00</u>
<u>Plumbing Contract</u>		
(6 bids received 11/30/67)		
Montoney's (Columbus)		
Base Bid	<u>\$ 242,000.00</u>	<u>\$ 269,100.00</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u>		
(4 bids received 11/30/67)		
Huffman-Wolfe Co. (Columbus)		
Base Bid	<u>\$ 344,600.00</u>	<u>\$ 369,100.00</u>
<u>Electrical Contract</u>		
(3 bids received 12/12/67)		
States Electric Co. (Columbus)		
Base Bid	\$ 324,000.00	\$ 361,000.00
Alt. E-2 Motorized Chalkboards	350.00	800.00
Total Contract	<u>\$ 324,350.00</u>	<u>\$ 361,800.00</u>

December 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. University College - Building No. 2 (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Lab Equipment Contract</u> (2 bids received 11/30/67) Hamilton Mfg. Co. (Two Rivers, Wisconsin)		
Base Bid	\$ 346,900.00	\$ 209,200.00
<u>Total All Contracts</u>	<u>\$2,334,350.00</u>	<u>\$2,708,000.00</u>

It will be noted that all bids received on the Lab Equipment Contract were in excess of the estimate of cost and since the Director of Public Works was of the opinion that no better bids would be received by rebidding, it was recommended that the State Controlling Board be requested to approve the award to the low bidder.

Funds for this project are provided by a transfer from Item 235-008 (Ohio Board of Regents - Technical Institutes, Community Colleges, and University Branches) to Item 315-051 (General College, Building 2), H. B. 886 and a Title I Federal Grant.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

E. Dodd Hall Addition

The low bidder for electric work on this project, S & S Electric Co., Inc., has notified the Director of Public Works that several errors were made by them in submitting their bid and requested that their bid be withdrawn. The second lowest bidder for electric work, Pence Electric Company, has advised the Director that they would accept a contract for the project based on prices quoted on September 12. It was therefore recommended that all previous Board action relating to the award of the Electrical Contract for this project be rescinded and that the following contract be approved:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (4 bids received 9-12-67) Pence Electric Co. (Columbus)		
Base Bid	\$ 147,007.00	\$ 144,390.00

Funds for this project are provided in Item 315-054, H. B. 886, and a Public Health Service Grant.

December 14, 1967 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

F. Humanities Center - Foreign Languages Building

On September 14, 1967, the Board of Trustees approved the award of contracts for this project but the Department of Public Works was unable to completely execute the contracts within the thirty-day provision in the contract documents because the Office of Education, Department of Health, Education, and Welfare would not concur in the award. McCarty Brothers Electric Company has therefore notified the Director of Public Works that they wish to withdraw their bid. The second lowest bidder, States Electric Co., Inc., will accept a contract for the electrical work based on prices quoted August 30. It was therefore recommended that previous Board action relating to the award of the Electrical Contract for this project be rescinded and that the following contract be approved:

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(5 bids received 8-30-67)		
States Electric Co., Inc. (Columbus)		
Base Bid	\$ 294,300.00	\$ 272,600.00
Alt. E-3 Conduit for Vacuum-		
Cleaning System	855.00	1,500.00
Total Contract	<u>\$ 295,155.00</u>	<u>\$ 274,100.00</u>

Funds for this project are provided from Item 315-044, H. B. 886, and a Title II Federal Grant.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

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VII. CONTROLLING BOARD APPROVAL

Each numbered request shown below accomplishes the following purpose:

- 29 Transfers and releases \$1,500.00 from Item 016 Medical Complex to Item 052 Mental Retardation Center, H. B. 886, to provide funds for site surveys, test borings, etc., for this project.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Tuberculosis Hospital Remodeling - Employment of Architects

President Fawcett recommended that the architectural firm of McGee and Albert be employed to provide preliminary drawings, outline specifications, and estimate of cost only for this project.

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Tuberculosis Hospital Remodeling - Employment of Architects (continued)

If the project proceeds beyond the preliminary stage, it is understood that any payment made for the preliminary work will be deducted from the fee established for the complete project. The fee for this preliminary work will be computed on the usual basis and is estimated to be \$2,560.00. It was further recommended that \$20,000.00 be transferred from Budget Account 960200 Hospital Rotary to Budget Account 801139 to implement this project.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

B. Special Policemen Commissions

At the request of the Vice President for Business and Finance, President Fawcett recommended that Ronald Gene Cottrill and James G. Sullivan, Jr., be designated as Special Policemen pursuant to the provisions of Section 3345.04 of the Revised Code of Ohio; and that in further compliance with the provisions of said section, the Board of Trustees require Mr. Cottrill and Mr. Sullivan, as well as any other employee of this institution designated as Special Policeman, to take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

Upon motion of Dr. Thomas, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

Following action upon the above motion, the Board of Trustees agreed unanimously that the responsibility for the designation of an employee of the University as a Special Policeman, pursuant to the provisions of Section 3345.04 of the Ohio Revised Code be delegated to the President and that any employee so designated shall take the oath of office and give bond to the State of Ohio in an amount no less than One Thousand Dollars (\$1,000.00) prior to assuming the duties of Special Policeman.

C. ROTC Classroom Building Equipment

Provision for the purchase of movable equipment was not included in the project to renovate the ROTC Classroom Building when it was authorized by the Board of Trustees on June 8, 1967. The estimates of cost for such equipment are now available, and President Fawcett therefore recommended that an amount of \$40,000.00 be appropriated from the investment income on the civilian-military portion of the Mershon Fund and transferred to Budget Account 801127 Military Science Remodeling to provide the necessary funds to complete this renovation project.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

December 14, 1967 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Purchase of Property, 2477 Wood Avenue

President Fawcett recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from Ellen Foster at a price of \$6,000.00:

Property known as 2477 Wood Avenue, being Lot
#39, 2nd Wood-Brown Addition, Clinton Township,
County of Franklin, State of Ohio.

It was further recommended that funds be transferred from the Budget Account 179999 University Treasurer General Fund to Budget Account 801099 Purchase of Land for this purpose.

Upon motion of Dr. Thomas, seconded by Mr. France, the above recommendations were approved by unanimous roll call vote.

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Philippe Reed Lawson, Professor in the Department of Psychology. In accordance with the instructions of the Board of Trustees, a copy of the following Resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

A. (Phillippe) Reed Lawson

The Board of Trustees expresses its sorrow at the death on October 31, 1967, of Reed Lawson, Professor in the Department of Psychology.

Dr. Lawson was born August 16, 1929. Despite his young age, he had a brilliant career in psychology.

After receiving his B.S.J. degree at Northwestern University in 1950, he enrolled at the University of Missouri where he earned his M.A. degree in 1952 and his Ph.D. degree in 1955. He remained as Assistant Professor at Missouri for the year 1956-57. He joined the faculty at The Ohio State University in 1957 with the rank of Instructor, was promoted to Assistant Professor in 1958, to Associate Professor in 1961, and to Professor in 1965. He was admitted to the Graduate Faculty in 1960 and chaired eleven Master of Arts and six Doctor of Philosophy graduates.

Dr. Lawson was an excellent teacher. He had broad intellectual interests outside psychology and a deep preoccupation with philosophical problems. His ability to interweave these interests with psychological concepts, lacing all with a sense of humor, made his courses particularly interesting and stimulating. His devotion to and work with the honors program at Ohio State demonstrated his concern with the quality of education as a whole.

December 14, 1967 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. (Philippe) Reed Lawson (continued)

He was also a dedicated researcher and writer. He pursued exhaustively a line of research which he knew to be important, and he made many very valuable contributions to the periodical literature of his field in a wide variety of professional journals. In addition, he had a breadth of perspective which enabled him to write two books of more than experimental significance--Learning and Behavior and Frustration. He was engaged in writing a third book at the time of his death. Thus he was a scientist of national repute, and his death is a loss to the University.

Dr. Lawson, despite his devotion to teaching and research, was also a person who took his membership in the University community seriously. He was always willing to carry his share of any load. He was a member of and chairman of several important departmental committees and University committees.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORTS

A. Reports from the President

1. Transfer of Property - South Bass Island, Light Station - to the Board of Trustees of The Ohio State University

On July 13, 1967, the Board of Trustees of The Ohio State University authorized Novice G. Fawcett, President, or Gordon B. Carson, Vice President for Business and Finance, to do and perform all necessary acts to transfer the property known as Light Station, South Bass Island, from the Department of Health, Education, and Welfare, to the Board of Trustees of The Ohio State University. The General Services Administration presented an appraisal report from H. Brentwood Biggs, M. A. I., Toledo, Ohio, indicating the fair market value of the property to be \$15,500.00. On October 31, 1967, the property was transferred to the Board of Trustees of The Ohio State University.

December 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Reports from the President (continued)

2. Sale of Property

President Fawcett further reported that in accordance with the recommendation of the Finance and Investment Committee, as approved by the Board of Trustees on December 10, 1964, the sale of the subject property has been consummated and the proceeds were as follows:

79 North High Street	\$42,000.00
102 East Main Street	45,005.00
	<u>\$87,005.00</u>

The proceeds of the sale have been deposited in the University Endowment Fund to be used for the College of Medicine, with emphasis on, but not restricted to, cancer research, in accordance with the terms of the bequest of Howard B. Monett.

3. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities of the University during recent weeks and activities to take place in the near future. Some references included in the Report, which is filed with the official records of the Secretary, were as follows:

- a) Mr. Earl F. Morris, Columbus attorney and president of the American Bar Association, will address the graduating class at Autumn Quarter Commencement Friday, December 15, 1967.
- b) Acquisition of The Ohio State University Libraries' two-millionth volume was celebrated November 21, 1967, with a campus program. The libraries, now ranking 16th in size among the nation's university libraries with some 2,030,000 volumes, are expected to reach the three-millionth volume in about seven years at the present rate of growth and to double the holdings by 1982.
- c) A new type of paramedical specialist will be trained in a unique program now being planned by the College of Medicine. The first school for "extracorporeal circulatory systems" specialists is being developed by the College. Its aim is to produce highly qualified persons capable of operating all types of medical electronic instruments and devices located outside the body through which blood is circulated.

December 14, 1967 meeting, Board of Trustees

X. REPORTS (continued)

A. Reports from the President (continued)

3. Highlights of University Activities (continued)

- d) University engineers have been asked by the National Traffic Safety Bureau of the U. S. Department of Transportation to suggest possible improvements in the currently used automobile taillight systems.
- e) Ohio State ranks second in the nation in the number of students studying agriculture, a recent survey shows. Ohio State has an agriculture enrollment this year of 2,155 students, an increase of 100 students over 1966. Iowa State leads in agriculture enrollment with 2,792 students.
- f) Two hundred forty high school seniors were honored by The Ohio State University for their outstanding academic achievement at a reception held at the University on November 29. Thirty-five Columbus and Franklin County high schools were represented.
- g) Centennial objectives for the University's centennial observance were outlined in a progress report by Dr. Alfred B. Garrett, Vice President for Research and Chairman of the Planning Committee. The University's 100th anniversary will be celebrated during 1970. The five objectives are:
 - 1) To bring to the campus, the alumni, the state, the nation, and the world community a deeper understanding of this University and of its important and changing role over the years in exploring and shaping the future.
 - 2) To assess Ohio State's first 100 years, to honor those leaders of the past as men of vision, and to draw upon past gains in initiating a changing vision for the future.
 - 3) To identify those major problems which must be solved during the next century if civilization is to continue.
 - 4) To stimulate the University community to plan positively for the future.
 - 5) To challenge the leaders in the University, the community, the state, and the world to "gear up" to meet the challenges of the next century.

B. Report on the University's Investment Portfolio

The report on the University's Investment Portfolio dated November 30, 1967, as submitted to the Finance and Investment Committee of the Board of Trustees, was received and ordered to be filed with the official records of the Board.

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December 14, 1967 meeting, Board of Trustees

Thereupon the Board adjourned.

Attest:

John T. Mount
Secretary

APPENDIX III

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

December 15, 1967

Page 378 is blank

The Recipient of the Honorary Degree

SHERMAN EMERY LEE
DOCTOR OF HUMANE LETTERS

Distinguished scholar, author, museum director, and humanist, whose growing influence in the arts has reached an international dimension.

Under the leadership of Sherman Emery Lee, the Cleveland Museum of Art has become one of the world centers of art appreciation and study. To a great extent, the excellence of the museum's collections reflects the skill, imagination, and scholarly commitments of Dr. Lee, its Director. Today, teachers and scholars from this country and abroad are drawn to the museum by the unusual opportunities it affords for the study of a wide range of art forms.

Dr. Lee possesses that rare blend of qualities which combines broad understanding and insights with specialized training and competencies. His remarkable grasp of Oriental art and culture has earned him a series of significant positions: Curator of Far Eastern Art at the Detroit Institute of Arts, from 1941 to 1947; Associate Director and Curator of Oriental Art at the Seattle Art Museum, from 1948 to 1952; and Curator of Oriental Art at the Cleveland Museum, which he holds in addition to the Directorship, from 1952 to the present. From 1944 to 1946, while in the Armed Forces, he was Advisor on Collections and later Officer in Charge of the Arts and Monuments Division, General Headquarters, Tokyo.

Dr. Lee's demonstrated interests and experiences extend from the "museum world" to that of the university community. He holds the A.B. and M.A. degrees from American University and the Ph.D. from Western Reserve University. From 1948 to 1952, he served as lecturer in the History of Art at the University of Washington. He became professor of art at Western Reserve University in 1962.

He is the author or co-author of numerous books on Oriental art and a leader in the major professional organizations in his fields of interest.

Today, at a high point in his career, Dr. Lee may look back on an impressive list of accomplishments as a scholar, museum director, and teacher. Ahead there is the almost limitless potential of a disciplined and imaginative mind that seeks enriched and enlarged possibilities for the study of art.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

- Merlin Fred Ager.....Cedarville
A.B. (Cedarville College); M.S. Educ. (University of Wisconsin)
Dissertation: A Study of the Relationships between Selected Personality Variables and Verbal Behavior, Supervisory Ratings, and Grades of Student Teachers
Field of Specialization: Education
- Jorge Narcisco Artigas.....Santiago, Chile
Ing. Agron. (Universidad Catolica de Chile); M.Sc.
Dissertation: The Asilidae (Diptera) of Chile
Field of Specialization: Zoology and Entomology
- Terry Allen Balding.....Macomb, Ill.
B.S. in Ed., M.S. (Western Illinois University)
Dissertation: Some Effects of Density on Behavior and Physiology of Confined Populations of Wild Ring-Necked Pheasants
Field of Specialization: Zoology and Entomology
- Tikam Lakhmichand Balwani.....New Delhi, India
B.V.Sc. and A.H. (Bihar University); M.Sc.
Dissertation: Hemicellulose Digestion and Volatile Fatty Acid Production with Sorghum Fed as Green Chop and Silage to Sheep
Field of Specialization: Animal Science
- Charles Joseph Beatty.....Iron Mountain, Mich.
B.S. (Northern Michigan University); M.A. (Michigan State University)
Dissertation: Museums of Industry
Field of Specialization: Education
- Clifford Andrew L. Becker.....Miltona, Minn.
B.S. (College of Saint Thomas); M.Sc.
Dissertation: Crystal Field-Spin Orbit Perturbation Calculations for Trigonal Bipyramidal Environment
Field of Specialization: Chemistry
- Robert Emmet Bernard.....Metairie, La.
B.S. (Tulane University)
Dissertation: Synthesis and Chemistry of 3,3-Disubstituted Indazoles
Field of Specialization: Chemistry
- Henry Roland Besch, Jr.....Columbus
B.Sc.
Dissertation: Studies on the Relationship of the Subcellular Distribution of Dihydroquinidine to the Change in the Ventricular Conduction Velocity in the Guinea Pig Heart
Field of Specialization: Pharmacology
- Amar Nath Bhattacharya.....Calcutta, India
B.V.Sc. (Bengal Veterinary College); M.Sc.
Dissertation: The Effect of Psychotropic Drugs on Regulation of ACTH Secretion in Rats
Field of Specialization: Pharmacology

- Harvey Frederick Blanck, Jr.....Clarksville, Tenn.
A.B. (Miami University) ; M.Sc.
Dissertation: Studies of the Interaction of Chlorophyll *a* and Pheophytin *a* with Some Aromatic Nitro Compounds Using Visible Absorption Fluorescence and Nuclear Magnetic Resonance Spectroscopic Techniques
Field of Specialization: Chemistry
- Robert Lynwood Blevins.....Lexington, Ky.
B.S., M.S. (University of Kentucky)
Dissertation: Micromorphology of Soil Fabric at Tree Root-Soil Interface
Field of Specialization: Agronomy
- Pearl Garrett Bradley.....Greensboro, N. C.
B.S. (Agricultural and Technical College of North Carolina) ; A.M. (University of Michigan)
Dissertation: A Criticism of the Modes of Persuasion Found in Selected Civil Rights Addresses of John F. Kennedy, 1962-1963
Field of Specialization: Speech
- Sergio Alberto Brandt.....Sao Paulo, Brazil
Engenheiro Agronomo (Universidade Rural do Estado de Minas Gerais) ; M.S. (Purdue University)
Dissertation: Spatial Analysis of the World Coffee Market: The Brazilian Competitive Position
Field of Specialization: Agricultural Economics and Rural Sociology
- Lawrence Frederick Bryant.....Pittsburgh, Pa.
B.S. in Met.E., (Carnegie Institute of Technology)
Dissertation: Some Interfacial Properties of Face Centered Cubic Cobalt
Field of Specialization: Metallurgical Engineering
- Denver Peeper Burns.....Bryan
B.Sc. in Agr., M.Sc.
Dissertation: The Impact of Tuliptree Scale Feeding on Its Host, Yellow-Poplar
Field of Specialization: Zoology and Entomology
- William Lee Butterfield.....Columbus
B.A. (Ohio Northern University) ; B.D. (Garrett Biblical Institute)
Dissertation: Secondary Curriculum Model Building Using a Synthesis of the Thought of Harold Alberty and Jerome Bruner
Field of Specialization: Education
- Lai-Man Chan.....Hong Kong, China
B.Sc. (Taiwan Provincial Cheng Kung University) ; M.Sc.
Dissertation: Studies on the Interaction of Acriflavine with DNA and RNA
Field of Specialization: Chemistry
- Thomas Nicholas Chirikos, Jr.....Chicago, Ill.
B.A. (Coe College, Iowa) ; M.A.
Dissertation: Bolivia: A Case Study in the Theory and Practice of Human Resource Planning
Field of Specialization: Economics

- Frances Marion Clements.....Columbus
A.B. (Randolph-Macon Woman's College); M.A.
Dissertation: Social Criticism in the English Novel, 1740-1754
Field of Specialization: English
- Bud Theodore Cochran.....Dayton
B.A. (College of Steubenville); M.A.
Dissertation: A Definitive Edition of Edward Eggleston's *The Hoosier School-Master*
Field of Specialization: English
- Peter James Conigliaro.....Milwaukee, Wis.
B.S., M.S. (Marquette University)
Dissertation: Synthesis of Nucleosides of 2-Amino-2-Deoxy Sugars
Field of Specialization: Chemistry
- Thomas Chalmer Coulter.....Crete, Nebr.
B.S. in Edu., M.A. (Kent State University)
Dissertation: A History of Woman Suffrage in Nebraska, 1856-1920
Field of Specialization: History
- Irving Charles Cross.....Ft. Collins, Colo.
B.S., M.E. (Colorado State University)
Dissertation: Scholastic Achievement of Colorado Vocational Agriculture Students Enrolled at Colorado State University from 1950 to 1960
Field of Specialization: Agricultural Education
- Donald Lee Daniel.....Reading, Pa.
B.Sc. in Agr., M.Sc.
Dissertation: Some Effects of Pregnant Mare's Serum on the Targhee Ewe
Field of Specialization: Animal Science
- Jean Dearth Dickerscheid.....Columbus
B.Sc. in H.E., M.Sc.
Dissertation: Development of a Method of Measuring the Effect of a Preschool Child on the Mother's Heart Rate
Field of Specialization: Home Economics
- Adrian Charles Edwards.....Kalamazoo, Mich.
B.Com. (Saint Francis Xavier University); M.B.A. (University of Detroit)
Dissertation: Canadian Private Pension Plans: A Study of Their History, Trends, Taxation, and Investments
Field of Specialization: Business Organization
- Samir Salem El Miladi.....Victoria, Alexandria, Egypt
B.Sc. (Agr.) (Alexandria University); M.S. (Oregon State University)
Dissertation: Effect of Heat Processing on Starch, Sugars, Proteins, Amino Acids, and Organic Acids of Tomato Juice
Field of Specialization: Horticulture and Forestry
- Franz Ryan Epting.....Forest, Miss.
B.A. (Millsaps College); M.A.
Dissertation: Cognitive Complexity and Persuasibility across Cognitive Domains
Field of Specialization: Psychology

- Sidney Horace Evans..... Greensboro, N. C.
 B.S. (Virginia State College); M.S. (Iowa State University)
Dissertation: Analysis of Costs and Benefits from Commuting for Employment among Core and Satellite Communities in the Appalachian Region of Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- June Trachtenberg Fox.....Columbus
 B.S. (Northwestern University); M.A.
Dissertation: Jerome Bruner and His Predecessors in the Contemporary Intellectual Tradition
Field of Specialization: Education
- William Edward Francois.....Huntington, W. Va.
 B.S., M.S. (Northwestern University)
Dissertation: Designing, Developing, and Testing Programed Instruction for Beginning News Writers
Field of Specialization: Education
- Michael John Free.....Buntingford, England
 B.Sc. (hons.) (University of Nottingham); M.Sc.
Dissertation: Radiorespirometric Studies on Glucose Metabolism in Mammalian and Avian Testes
Field of Specialization: Dairy Science
- Melvin Lee Gary.....Washington, Pa.
 B.A. (Haverford College, Pennsylvania); M.A.
Dissertation: Field Dependence and Susceptibility to Social Influence
Field of Specialization: Psychology
- Richard Eugene Gillespie.....Delta
 B.A. (Ohio Wesleyan University)
Dissertation: The Rotational Spectrum of Hydrogen Sulfide
Field of Specialization: Physics
- Seymour Edward Goldstone.....Utica, N. Y.
 A.B. (Antioch College)
Dissertation: Short Run Instability in the Industrial Contract Research Industry
Field of Specialization: Economics
- Lawrence Conde Greene.....Dayton
 B.S. (Western Michigan University); M.A. (Kalamazoo College)
Dissertation: Series Assignments in the Fluorescence Line Spectra of High Purity Cadmium Sulfide
Field of Specialization: Physics
- Donald Lee Gregory.....Columbus
 B.A. (Bucknell University); M.A.
Dissertation: An Internal Analysis of the Fiction of Flannery O'Connor
Field of Specialization: English
- Michael Guarnieri.....Warren
 B.S. (University of Notre Dame); M.Sc.
Dissertation: The Role of Essential Fatty Acids in Mitochondrial Membranes
Field of Specialization: Physiological Chemistry

- Raja Faris Hajjar**.....Beirut, Lebanon
 B.A., M.A. (American University of Beirut); M.Sc.
Dissertation: The Determination of the Second Virial Coefficients and the Molecular Constants of Six Halogen-Substituted Methanes by a Gas Balance Method
Field of Specialization: Chemistry
- Ronald James Hall**.....Brookfield, Ill.
 B.A. (Rice Institute)
Dissertation: A Coincidence Technique for the Nondestructive Measurement of the Neutron Capture Rate of a ^{235}U Foil in a Zero Power Fast Reactor
Field of Specialization: Physics
- Walter George Harter**.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: The Computer and Linear Programming as Important Instruments for Decision Making Assistance for Farmers
Field of Specialization: Agricultural Economics and Rural Sociology
- John Edwin Hendrix**.....Oakhurst, Calif.
 B.S., A.B. (Fresno State College); M.Sc.
Dissertation: Studies on Labeling Pattern of Translocated Stachyose in Squash
Field of Specialization: Botany
- Judith Ann Herrold**.....La Porte, Ind.
 B.S. (Indiana University); M.A. (Michigan State University)
Dissertation: An Exploratory Study of the Role of Binocular Vision in Performance of Dynamic Movement in Tennis Skills
Field of Specialization: Physical Education
- Robert Elden Hicks**.....Canal Winchester
 B.Sc. in Bus. Adm., M.A.
Dissertation: An Analysis of the Influence of Certain Fiscal Variables on the Success of Proposed School Tax Levies and Bond Issues for Public School Support in Ohio
Field of Specialization: Economics
- Robert Giffen Holmes**.....Urbana
 B.Agr.E., M.Sc.
Dissertation: Aeration of Distilled Water by a Partially-Submerged Rotary Disc Contractor
Field of Specialization: Agricultural Engineering
- Sara Louise Houston**.....Oberlin
 B.A., M.S. (Wellesley College)
Dissertation: A Phenomenological Study of Movement Behavior
Field of Specialization: Physical Education
- Raymond Wilbur Hurd**.....Chardon
 B.S.Ed., M.Ed. (Ohio University)
Dissertation: Use of Finite Mathematical Systems in Teaching Mathematics for Elementary Teachers
Field of Specialization: Education

- William Edgar Hymans.....Cincinnati
 A.B. (Cornell University)
Dissertation: The Synthesis of Cyclosteroids
Field of Specialization: Chemistry
- Edward Milton Ifft.....Butler, Pa.
 B.S. (Antioch College)
Dissertation: The Phase Separation Curve and Molar Density of Dilute He³ - He⁴ Mixtures.
Field of Specialization: Physics
- Larry Lynn Jackson.....New York, N. Y.
 B.S. (Virginia Military Institute)
Dissertation: Carbenic Reactions of Substituted Thiophenes and Furans
Field of Specialization: Chemistry
- Kenneth Allen Jacobus.....Plymouth, Mich.
 A.B. (Albion College); M.A.
Dissertation: The Effects of Chunk Member Unlearning on Recall of Other Chunk Members.
Field of Specialization: Psychology
- Kenneth William Johnson.....East Cleveland
 B.S. (Miami University); M.Sc.
Dissertation: The Far Infrared Optical Properties of KCl and KBr
Field of Specialization: Physics
- Gary Martin Kaufman.....Hastings, Nebr.
 B.A. (Hastings College)
Dissertation: Studies of Base-Catalyzed Decompositions of Tosylhydrozones
Field of Specialization: Chemistry
- Robert Vaughn Kerwood.....Morgantown, W. Va.
 B.S.Agr., M.S. (West Virginia University)
Dissertation: Self-Initiated Evaluation of State Teacher Education Programs in Vocational Education
Field of Specialization: Agricultural Education
- Thomas Owen Kirkpatrick.....San Angelo, Texas
 B.B.A., M.B.A. (North Texas State University)
Dissertation: An Analysis of the Pricing Function in Advertising Agencies
Field of Specialization: Business Organization
- Mohan Koka.....Vijayawada, India
 B.V.Sc. (University of Madras); M.S. (University of Rhode Island)
*Dissertation: Factors Influencing Post-Dormant Activity of *Bacillus cereus* Spores in Milk and Model Systems*
Field of Specialization: Dairy Technology

- Donald Ward Kurtz**.....Columbus
 A.B. (Denison University) ; M.S. (Ohio University)
Dissertation: The Synthesis and Reactions of Substituted α -Diazo mines
Field of Specialization: Chemistry
- Marvin Lawrence Light**.....Montreal, Quebec, Canada
 B.S. (McGill University, Canada) ; M.A.
Dissertation: An Experimental Study of the Effects of Repeated
 Persuasive Communications upon Awareness and Attitudes
Field of Specialization: Psychology
- Kenneth Maynard Long**.....Osceola, Ind.
 B.S. in Edu. (Goshen College) ; M.A.T. (Chem.) (Michigan State University)
Dissertation: Cobalt Complexes of Tetradentate Macrocyclic Ligand
Field of Specialization: Chemistry
- Lewis Roy Lowry, Jr.**.....Lima
 A.B., M.S. (Miami University)
Dissertation: An Electron Paramagnetic Resonance Study of Doubly
 Ionized Manganese in Beryllium Basic Acetate Single Crystals
Field of Specialization: Physics
- Joseph Mahler**.....Columbus
 S.M. (Harvard University)
Dissertation: The Use of Higher Nyquist Rate Frequency Characteristics to Increase the Capacity of Digital Data Transmission Systems
Field of Specialization: Electrical Engineering
- Robert Emmett Manning**.....Pittsburgh, Pa.
 B.S. in M.E. (Carnegie Institute of Technology) ; M.Sc.
Dissertation: Effect of Electromagnetic Wave Radiation on the Energy
 Transmission of Partially Transparent Material
Field of Specialization: Mechanical Engineering
- Kevin Thomas Mansfield**.....River Edge, N. J.
 B.S. (Fordham University) ; M.Sc.
Dissertation: Contributions to the Chemistry of Bicyclo[2.1.0]Pentane
Field of Specialization: Chemistry
- Joseph Thomas Mayhan**.....Columbus
 B.S.E.E. (Purdue University) ; M.Sc.
Dissertation: The Interaction of Intense Microwave Fields with Initially
 Heated Air
Field of Specialization: Electrical Engineering
- Theodore Cline McDowell**.....Ashland
 B.Sc. in Agr. ; M.S. (University of North Carolina)
Dissertation: The Effect of Differential Nitrogen, Calcium Nutrition,
 and B-Nine (N-Dimethyl Amino Succinamic Acid) Application on
 Foliar Analysis and Flowering Quality of 'Red Wing' Azaleas
Field of Specialization: Horticulture and Forestry
- Paul Russell Measel**.....Dayton
 B.Sc.
Dissertation: Techniques Developed for Measuring Directional Correlations
 between X Rays and Conversion Electrons or Gamma Rays in the
 Study of Cerium 139
Field of Specialization: Physics

- Alida DeForrest Mixson.....Columbus
 B.A. (University of Massachusetts); M.A. (Syracuse University)
Dissertation: The Attitudes and Perceptions of Neuropsychiatric Patients towards Themselves and Their Hospital Environment
Field of Specialization: Psychology
- David Lloyd Moffatt.....Columbus
 B.E.E., M.Sc.
Dissertation: Interpretation and Application of Transient and Impulse Response Approximations in Electromagnetic Scattering Problems
Field of Specialization: Electrical Engineering
- James Patrick Moreland.....Dayton
 B.E.E., M.Sc.
Dissertation: Optical Heterodyne Detection of a Randomly Distorted Signal Beam
Field of Specialization: Electrical Engineering
- Forest Vern Muir.....Marion, Ill.
 B.S., M.S. (Southern Illinois University)
Dissertation: Genetic Increase in Bursa of Fabricius Weight at Hatching and Correlated Responses in the Domestic Fowl
Field of Specialization: Poultry Science
- Hedy Ann Mulhausen.....Cleveland
 A.B. (Ursuline College); M.Sc.
Dissertation: Studies on the Shift in the Lactate Dehydrogenase Isozyme Distribution Pattern in Rat Epididymal Adipose Tissue
Field of Specialization: Biochemistry
- Carl Edgar Norman.....Houston, Tex.
 B.A. (University of Minnesota); M.Sc.
Dissertation: Microfractures in Brittle Rocks: Their Relationship to Larger Scale Structural Features and Existing Ground Stresses
Field of Specialization: Geology
- Jack M. Ott.....Marion, Ind.
 A.B. (Marion College); M.A. (Ball State Teachers College)
Dissertation: A Decision Process and Classification System for Use by Title I Project Directors in Planning Educational Change
Field of Specialization: Education
- Joseph Nicholas Panzarino.....Suffern, N. Y.
 B.S. (United States Naval Academy)
Dissertation: Microporosity Effects on Mechanical and Electrical Behavior of Sintered Ceramics
Field of Specialization: Ceramic Engineering
- Jean Louise Parsons.....Olympia, Wash.
 B.A. (Washington State University); M.A.
Dissertation: Perceptions of Urban Disadvantaged and Non-Disadvantaged Junior High School Students
Field of Specialization: Psychology
- Norbert Anthony Pilewski.....Oil City, Pa.
 B.S. Phar., M.Sc. (University of Pittsburgh)
Dissertation: A Phytochemical Investigation of the Bark of *Codonocarpus australis* A. Cunningham
Field of Specialization: Pharmacy

- Thomas Clough Rambo.....Ludhiana, Punjab, India
B.A. (College of Wooster) ; M.Sc.
Dissertation: Social Hierarchy in Caged Flocks of Slate-colored Juncos, *Junco hyemalis*
Field of Specialization: Zoology and Entomology
- James Earl Reinoehl.....Massillon
B.Met.E., M.Sc.
Dissertation: Chronopotentiokinetic Studies of the Passivation of High-Purity and Sulfurized Iron in 1N H₂SO₄
Field of Specialization: Metallurgical Engineering
- Norman Norris Roberts.....Morehead, Ky.
B.S. (Morehead State University, Kentucky); M.S. (Stout State College, Wisconsin)
Dissertation: Industrial Arts Education in Kentucky
Field of Specialization: Education
- John Howard Robson.....East Liberty
B.S. (Ohio Northern University)
Dissertation: Migratory Studies of β -heteroatomic Substituents to Divalent Carbon
Field of Specialization: Chemistry
- Melvin Harris Rosen.....Drexel Hill, Pa.
B.S. (Philadelphia College of Pharmacy and Science)
Dissertation: Strained and Highly Reactive Tetravalent Sulfur-Containing Molecules
Field of Specialization: Chemistry
- George James Royce.....Kalamazoo, Mich.
B.A. (Michigan State University) ; M.A.
Dissertation: A Comparative Morphological Investigation of Neuroglia in the Hypothalamus of the Opossum, Armadillo, and Cat
Field of Specialization: Anatomy
- Edwin Joyce Royer.....Arcanum
B.Sc. in Agr., M.Sc.
Dissertation: A Consumer Analysis of Farm and Roadside Markets in Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- William James Russell.....Panama, Okla.
B.S., M.S. (Oklahoma State University, Stillwater)
Dissertation: Effect of Defoliation Treatments at Various Stages of Plant Development and Row Spacings on Corn (*Zea mays* L.) Production
Field of Specialization: Agronomy
- Herbert Schaadt, Jr.....Van Wert
B.Sc. in Agr., M.Sc.
Dissertation: Effects of Urea-Limestone Treatment on Metabolism of Corn Silage in Sheep, Lactic Acid Metabolism by Rumen Microorganisms, and Nitrogen Distribution in the Silage
Field of Specialization: Animal Science
- Robert Henry Schafer.....Belleville, N. J.
B.S. in E.E., M.S. (Newark College of Engineering)
Dissertation: Transient Currents on a Perfectly-Conducting Cylinder Illuminated by Unit-Step and Impulsive Plane Waves
Field of Specialization: Electrical Engineering

- Martin Bennett Schrank**.....University Heights
B.E.E. (Rensselaer Polytechnic Institute) ; M.A.
Dissertation: An Analysis of the Decision-Making Process
Field of Specialization: Psychology
- Lois Ann Simonds**.....Westlake
B.Sc. in H.E., M.Sc.
Dissertation: A Study of the Variation in Food Costs in Four Cities in Ohio
Field of Specialization: Agricultural Economics and Rural Sociology
- Babu Singh Siradhana**.....Jobner, Rajasthan, India
B.Sc., M.Sc. (Vikram University)
Dissertation: Pathogenic Variability within *Phytophthora parasitica* as Related to Formation of Post-Infectious Antifungal Substances in *Peperomia*
Field of Specialization: Plant Pathology
- Malcolm Jules Smith**.....Akron
B.S. (Kent State University) ; M.S. (Iowa State University)
Dissertation: Nuclear Magnetic Resonance Studies in Solid Deuterium
Field of Specialization: Chemistry
- Thomas Alexander Smith**.....Reidsville, N. C.
B.A. (Wake Forest College) ; M. A. (Cornell University)
Dissertation: L'Union pour la Nouvelle République: Gaullism in the Fifth Republic
Field of Specialization: Political Science
- Betty Briggie Smythe**.....Delaware
B.S. (Muskogum College) ; M.Sc.
Dissertation: A Study of Intrinsic and Extrinsic Prescriptive Values in Relation to the Use of Economic and Cognitive Resources by Husbands and Wives of the Middle Socio-Economic Group
Field of Specialization: Home Economics
- Homer Eugene Spence**.....Dover
B.Sc. in Bus.Adm., M.B.A.
Dissertation: Perceived Risk: The Case of Mail Order Buying Versus Non-Mail Order Buying
Field of Specialization: Business Organization
- Robert Alfred Stein**.....Columbus
B.S. (University of Illinois) ; M.Sc.
Dissertation: Vibrations of Tubes Containing Flowing Fluid
Field of Specialization: Engineering Mechanics
- Vijay Chinnaswamy Swamy**.....Bombay, India
B.Pharm. (Nagpur University) ; M.Sc.
Dissertation: Modification of Norepinephrine Responses by D, L Isomers and Desoxy Sympathomimetic Amines
Field of Specialization: Pharmacy
- John David Swisher**.....Delaware
B.Sc. in Edu., M.A.
Dissertation: Professional School Counselors and Staff Conflicts
Field of Specialization: Education

- Edward Harold Takken.....Palatka, Fla.
 B.S. (Florida State University)
Dissertation: A Wave-Radiation Model for the Onset of Dissipation in Superfluid Helium at the Roton Critical Velocity
Field of Specialization: Physics
- †Powell Elford Toth.....Dayton
 B.S.Ed., M.Ed. (Miami University)
Dissertation: Societal Change and Professional Personnel Administration
Field of Specialization: Education
- Edison Jean Trickett.....Washington, D. C.
 B.A. (Trinity College, Connecticut); M.A.
Dissertation: Conformity Behavior as a Function of Achievement Motivation, Task Difficulty, and Information
Field of Specialization: Psychology
- William Burdette Wagner.....Cedar Falls, Ia.
 B.B.A. (Michigan State University); M.B.A.
Dissertation: An Empirical Test of Reilly's Law of Retail Gravitation
Field of Specialization: Business Organization
- Ronald Gary Wallace.....Cadiz
 B.S. (Kent State University); M.Sc.
Dissertation: Types and Rates of Alpine Mass Movement, West Edge of Boulder County, Colorado Front Range
Field of Specialization: Geology
- William David Washington.....Washington, D. C.
 B.A., M.A. (Howard University)
Dissertation: The Penny Magazine: A Study of the Genesis and Utilitarian Application of the Popular Miscellany
Field of Specialization: English
- Simha Weissman.....Tel-Aviv, Israel
 B.Sc., M.Sc.
Dissertation: Horizon-Controlled Analytical Strip Triangulation
Field of Specialization: Geodetic Science
- Bobbie Joan Wilson.....Trion, Ga.
 B.S. in Bus.Adm. (Georgia State College for Women); M.S. (University of Tennessee)
Dissertation: A Measurement of Selected Economic Understandings of Junior Achievers
Field of Specialization: Education
- Mark Ferlin Wilson.....Wantagh, Long Island, N. Y.
 B.S. (Union College, New York); M.Sc.
Dissertation: Osmotic Pressure of Dilute Solutions of He³ in He⁴
Field of Specialization: Physics
- William Thomas Wilson.....Ft. Collins, Colo.
 B.S., M.S. (Colorado State University)
Dissertation: Viability, Development, and Rate of Passage of the Pathogenic Bacterium, Bacillus larvae White, in the Hemolymph and Alimentary Canal of the Adult Honey Bee, Apis mellifera L.
Field of Specialization: Zoology and Entomology

† Degree granted in cooperation with Miami University.

- Richard Lee Wink.....Mansfield
A.B. (Findlay College); M.A.
Dissertation: Relationship of Self-Concept and Selected Personality Variables to Achievement in Music Student Teaching
Field of Specialization: Education
- Ralph A. Winter.....Lodi
B.A. (Ohio Wesleyan University); LL.B. (Cleveland-Marshall Law School); M.A.
Dissertation: Regulation of the Consumer Finance Industry: A Re-appraisal of Its Economic Impact
Field of Specialization: Economics
- Lawrence David Wise.....North Canton
B.A. (Manchester College); M.Sc.
Dissertation: The Synthesis and Reactions of 4*H*-Thiopyran-4-one 1, 1-Dioxide and Derived Cage Molecules
Field of Specialization: Chemistry
- Roy Paul Wittlinger.....Barker, N. Y.
B.A. (College of Wooster); M.A.
Dissertation: Phasic Arousal in Short-Term Memory
Field of Specialization: Psychology
- Alan Jay Wyner.....Cleveland
B.A. (Northwestern University); M.A.
Dissertation: American State Governors and Their Offices
Field of Specialization: Political Science
(One hundred and eleven candidates)

Master of Arts

- Matthew Joseph Andresino.....Garden City, N. Y.
B.A. (Canisius College); M.A. (Columbia University)
Field of Specialization: Psychology
- †Jackson Von Babcock.....Avon Lake
B.A. (Principia College, Illinois)
Field of Specialization: Speech
- Marilyn Kettering Badger.....Polk
B.S. (Manchester College)
Field of Specialization: Education
- Willard Bailey.....Columbus
A.B., A.M. (University of Cincinnati)
Field of Specialization: Journalism
- Robert James Ballatori.....Philadelphia, Pa.
B.A. (LaSalle College)
Field of Specialization: German
- Sandra Hummel Banks.....Cincinnati
B.S.Ed. (Ohio University)
Field of Specialization: Psychology
- Dorothy Brenner Beetham.....North Lawrence
B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)

† Deceased. Degree awarded posthumously.

- Robert Raymond Bezdek.....Alice, Tex.
 B.A. (Saint Mary's University, Texas)
Field of Specialization: Political Science
- Dorothy Jean Binau.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Margaret Jane Boesel.....Columbus
 A.B. (Ohio University)
Field of Specialization: Education
- Howard William Bogart.....Vermilion
 B.A.
Field of Specialization: Slavic Languages
- Edward Frederick Bontempo.....Hamden, Conn.
 B.A. (University of Connecticut)
Field of Specialization: English
- Barbara Hanne Bradfield.....Columbus
 B.Mus. (Capital University)
Field of Specialization: Music
- William Raymond Buccalo.....Columbus
 B.A.
Field of Specialization: Speech
- Lawrence Paul Buck.....Wichita, Kans.
 B.A. (Wichita State University)
Field of Specialization: History
- Marvin Douglas Bullock.....Cleveland
 B.A.
Field of Specialization: Speech
- Sonia Kovitz Campbell.....Columbus
 B.A.
Field of Specialization: Slavic Languages
- Richard K. Carpenter.....Cleveland
 B.S. (Baldwin-Wallace College)
Field of Specialization: Education
- Steven Ray Carter.....Cuyahoga Falls
 A.B. (Denison University)
Field of Specialization: English
- Kay Frances Casey.....Plattsmouth, Nebr.
 A.B. (University of Nebraska)
Field of Specialization: Journalism
- Nina Ross Chase.....Columbus
 B.Sc. in Bus.Adm.
Field of Specialization: Economics
- Gary Ernest Coburn.....Portsmouth
 B.A., B.Sc. in Edu.
Field of Specialization: English

- Richard Leo Coldren.....Columbus
A.B. (Capital University)
Field of Specialization: Education
- Phyllis Keeton Cooley.....Columbus
B.A. (Marshall University)
Field of Specialization: Education
- Robert Edward Cooper.....Washington C. H.
B.A. (Marshall University)
Field of Specialization: Education
- Ellis Thomas Cottrell.....Tulsa, Okla.
B.A. (University of Tulsa)
Field of Specialization: Art
- Eileen Burkey Craven.....Mt. Gilead
B. Mus. Ed. (Otterbein College)
Field of Specialization: Music
- Carol Ann Cross.....Montgomery, Ala.
B.S. (Nurs.) (University of Alabama)
Field of Specialization: Physical Education (Health Education)
- Richard Daniel Curtiss.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Alphonso John Damico.....Amsterdam
A.B. (George Washington University)
Field of Specialization: Political Science
- Thomas Charles Dannis.....Sugarcreek
B.Sc. in Edu.
Field of Specialization: Education
- Christine Deisher.....Lewisburg
B.A. (Indiana State College, Terre Haute)
Field of Specialization: Education
- Pauline Lichtensteiger DuVernay.....Ohio City
B.Sc. in Edu.
Field of Specialization: Education
- Karl Albert Egge.....Billings, Mont.
B.A. Econ. (Montana State University)
Field of Specialization: Economics
- Paul G. Ehret.....Canton
B.A. Bus. Adm. (Kent State University)
Field of Specialization: Economics
- Ronald Aaron Eisenberg.....Shaker Heights
A.B. (Western Reserve University)
Field of Specialization: Speech
- Michael Glenn Erlich.....Brooklyn, N. Y.
A.B. (John Carroll University)
Field of Specialization: Speech
- James Patrick Erven.....Zanesville
A.B. (Ohio University)
Field of Specialization: Economics

- Mary Jo Mason Fitzenrider.....Bryan
 B.Sc. in Edu.
Field of Specialization: Education
- Edward Michael Fitzgibbon, Jr.....Livingston, N. J.
 B.A. (Seton Hall University)
Field of Specialization: History
- Lois Curry Flaughter.....Mansfield
 B.S. in Ed. (Ashland College)
Field of Specialization: Education
- Lynette Lowry Flick.....Warren
 Mus.B. (Oberlin College)
Field of Specialization: Music
- Jeffrey Paul Forster.....Columbus
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Janet King Fox.....Columbus
 B.S. in Edu. (Ashland College)
Field of Specialization: Education
- *Michele Fratianni.....Columbus
Field of Specialization: Economics
- Theodora Bernsohn Frazier.....Columbus
 B.Sc. in Edu.
Field of Specialization: Education
- Judith Martha Gerken.....Napoleon
 B.S. (Concordia Teacher's College)
Field of Specialization: Education
- Ronald Dean Giles.....Columbus
 B.S.Ed. (Ohio University)
Field of Specialization: Education
- Patricia Elizabeth Grace.....Winston-Salem, N. C.
 B.A. (University of North Carolina)
Field of Specialization: History
- Gary Lynn Harris.....Mansfield
 B.A.
Field of Specialization: Slavic Languages
- Mary Jean Mower Hartman.....Toledo
 B.S. in Edu. (Bowling Green State University)
Field of Specialization: Education
- Thomas John Herbst.....Cleveland
 B.A. (Bowling Green State University)
Field of Specialization: Philosophy
- Clifford Hodgson Hilton.....Columbus
 B.A. (Kenyon College)
Field of Specialization: English

* Two degrees

- David Harry Hinson.....Cincinnati
 B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Margaret Hanna Hoskins.....Columbus
 B.S. (Ohio Wesleyan University)
Field of Specialization: Sociology
- John Joseph Hromadik.....Mansfield
 B.Edu. (Duquesne University)
Field of Specialization: Education
- Ronald Carson Huff.....Owensboro Ky.
 B.A. (Florida State University)
Field of Specialization: Psychology
- Judith Ann Jaffe.....Butler Pa.
 B.A. (Pennsylvania State University)
Field of Specialization: Education
- Jay Scott Johnson.....Columbus
 B.A.
Field of Specialization: English
- Linda Jane Jones.....Martins Ferry
 B.Sc. in Edu.
Field of Specialization: Education
- James Bruce Kehr.....Cleveland
 B.S.B.A. (Bowling Green State University)
Field of Specialization: Economics
- Ellen McCoy Keslar.....Washington C.H.
 B.Sc. in Bus.Adm.
Field of Specialization: Education
- Mark Kirkpatrick.....Rocky River
 B.A.
Field of Specialization: Psychology
- Chung-Shang Kuo.....Taipei, Taiwan, China
 B.S. in Ag. (Taiwan Provincial College of Agriculture)
Field of Specialization: Education
- Roger John Lancaster.....Cleveland
 A.B. (John Carroll University)
Field of Specialization: English
- John K. Lauber.....Archbold
 B.Sc.
Field of Specialization: Psychology
- Fred Elmer Linard.....Willoughby
 B.Sc. in Edu.
Field of Specialization: Education
- Richard Eugene Mague.....Worthington
 B.S. (Clarion State College, Pennsylvania)
Field of Specialization: Education
- Deanna Kate Marks.....Baltimore, Md.
 B.A. (Towson State College, Maryland)
Field of Specialization: Speech

- Steven Ernest Mayer.....Bethesda, Md.
A.B. (George Washington University)
Field of Specialization: Psychology
- Robert James McCullagh III.....Newton Falls
B.A. (Kent State University)
Field of Specialization: Education
- William Ernest McElhaney.....Hebron
B.A.
Field of Specialization: English
- Andrew Martin McGreevy.....Columbus
B.A.
Field of Specialization: History
- Frances Kaye McSpadden.....Batesville, Ark.
B.A. (Hendrix College)
Field of Specialization: Education
- Barbara Louise Metzger.....Lorain
A.B. (Albion College)
Field of Specialization: Speech
- Roy Alan Mimna.....Hubbard
B.A.
Field of Specialization: Romance Languages
- Harold Frank Morris.....Ashland
B.Sc. in Edu.
Field of Specialization: Education
- Richard Lee Muegge.....Buffalo, Mo.
A.B. (Saint Benedict's College, Kansas)
Field of Specialization: Romance Languages (Spanish)
- Paul Thom Murray, Jr.....Grosse Pointe, Mich.
A.B. (University of Detroit)
Field of Specialization: Sociology
- Dolores Hopkinson Nelson.....Columbus
B.S. (Otterbein College)
Field of Specialization: Education
- Cherie Cook Nichols.....Tiffin
A.B. (Heidelberg College)
Field of Specialization: Education
- Ronald Martin Paige.....Cleveland
B.A.
Field of Specialization: Political Science
- David Allen Palmer.....Oak Park, Ill.
B.A. (Hanover College)
Field of Specialization: Education
- Robert Lewis Pilgrim.....Youngstown
B.A. (Youngstown University)
Field of Specialization: Sociology
- Jack Jay Purdum.....Medina
B.A. (Muskingum College)
Field of Specialization: Economics

- Lynn Ransbottom Rector.....Springfield
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Nancy Richey Reed.....Cuyahoga Falls
 A.B. (Ohio Northern University)
Field of Specialization: Education
- Donald Baldwin Reutener, Jr.....Cleveland
 A.B. (Oberlin College)
Field of Specialization: Psychology
- Sharon Brewer Roberts.....Beaver Falls, Pa.
 B.Sc. in Edu.
Field of Specialization: Psychology
- John Hamilton Russel III.....Toledo
 A.B. (Illinois College)
Field of Specialization: Psychology
- Frank Schimpfhauser.....Kenmore, N. Y.
 B.S.Ed. (State University College, Buffalo, New York)
Field of Specialization: Education
- William B. Schonberg.....Cleveland
 B.A. (Washington and Jefferson College, Pennsylvania)
Field of Specialization: Psychology
- David Lawrence Schwartz.....Mansfield
 B.A. (University of Notre Dame)
Field of Specialization: Journalism
- Paula Hunt Shade.....Columbus
 A.B. in Ed. (University of Kentucky)
Field of Specialization: Physical Education
- Ella Walton Shannon.....Perrysville
 B.S.Edu. (Ashland College)
Field of Specialization: Physical Education
- Mary Margaret Sharp.....Parkersburg, W. Va.
 B.A.
Field of Specialization: Journalism
- Hubert Edwin Shelley.....Columbus
 A.B. (McPherson College, Kansas)
Field of Specialization: Education
- Mary Louise Wagner Shelley.....Xenia
 B.S. in Ed. (Muskingum College)
Field of Specialization: Education
- Harriet Frankel Simpson.....Elkins Park, Pa.
 B.A.
Field of Specialization: Psychology
- David Ross Smith.....Lexington
 A.B. (West Liberty State College, West Virginia)
Field of Specialization: Education
- Rosalie Sroczyński Smith.....Cleveland
 B.A. (Notre Dame College, Ohio)
Field of Specialization: History

- David Wayne Snapp..... Urbana
 B.Sc. in Edu.
Field of Specialization: Music
- Mara Petritis Stark.....Defiance
 B.Sc. in Edu.
Field of Specialization: English
- Sister Mary Brian Stockover.....Columbus
 A.B. (College of Saint Francis, Illinois)
Field of Specialization: Education
- Doris Jean Stoudenmire.....Cleveland
 B.A. (Ohio Wesleyan University)
Field of Specialization: Education
- Wen-Huey Leu Su.....Tainan, Taiwan, China
 B.S. (National Taiwan University)
Field of Specialization: Psychology
- Jacques Henry Transue.....Gambier
 B.A. (Haverford College)
Field of Specialization: Slavic Languages
- Stephanie Rogers Vaughn.....Millersburg
 B.A.
Field of Specialization: English
- Jane Karoline Vieth.....Youngstown
 B.Sc. in Edu.
Field of Specialization: History
- Diana Wortman Warshay.....Columbus
 A.B. (Brooklyn College)
Field of Specialization: Sociology
- James Howard Wiblin.....Granville
 B.Sc. in Edu.
Field of Specialization: Education
- Kitridge Havens Wickham.....New Albany
 B.A. (Ohio Wesleyan University)
Field of Specialization: Journalism
- Shirley Ahlers Williams.....Englewood
 B.Sc. in Edu.
Field of Specialization: Romance Languages

(One hundred and thirteen candidates)

Master of Business Administration

- Earl Norman Anderson.....Valley Springs, S. Dak.
 B.G.E. (University of Omaha)
Field of Specialization: Business Organization
- William Joseph Babcock.....Cliffside Park, N. J.
 B.Bus.Adm. (Southern Methodist University)
Field of Specialization: Business Organization

- Willard Clarence Blind.....New Philadelphia
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Laurence Dale Carlson.....Cuyahoga Falls
B.S. in B.A. (Kent State University)
Field of Specialization: Business Organization
- Henry Carter Castilow.....New Martinsville, W. Va.
B.Ch.E., M.Sc.
Field of Specialization: Business Organization
- Michael Thomas Chesney.....Mt. Carmel, Pa.
B.S. in C.E. (University of Texas)
Field of Specialization: Business Organization
- Robert Franklin Clegg.....Marysville
B.E.E.
Field of Specialization: Business Organization
- Dennis Harold Copeland.....Cuyahoga Falls
B.S.Bus. (Miami University)
Field of Specialization: Business Organization
- Catherine Cramer Davis.....Dayton
B.B.A. (Ohio University)
Field of Specialization: Business Organization
- Robert Ferriday III.....Indianapolis, Ind.
B.S. (Purdue University)
Field of Specialization: Business Organization
- Robert Richard Gottfried.....Mansfield
B.S. in Ed. (Ohio University)
Field of Specialization: Business Organization
- Peter Gregory Goulet.....Elkhart, Ind.
A.B. (Denison University)
Field of Specialization: Business Organization
- William John Hannaford.....Elyria
A.B. (Denison University)
Field of Specialization: Business Organization
- David Cochrane Huffman.....Elyria
B.S. (Norwich University, Vermont)
Field of Specialization: Business Organization
- Herbert William Kruser.....Columbus
B.S. in M.E. (Tri State College, Indiana)
Field of Specialization: Business Organization
- Philip George Kuehl.....Columbus
B.S. Bus. (Miami University)
Field of Specialization: Business Organization
- Lloyd Binford Moon.....New York, N. Y.
B.A. (University of North Carolina)
Field of Specialization: Business Organization

- Madeline Ann Moore.....Camp Springs, Md.
 B.A. (Michigan State University)
Field of Specialization: Business Organization
- George Thomas Peters.....Lorain
 B.S. (Illinois Institute of Technology)
Field of Specialization: Business Organization
- Gary Alan Riser.....Athens
 B.S. (Pennsylvania State University)
Field of Specialization: Business Organization
- Michael Culbertson Royer.....Columbus
 B.Ch.E.
Field of Specialization: Business Organization
- Clair Edward Schroeder.....Leipsic
 A.B. (University of Dayton)
Field of Specialization: Business Organization
- Fredrick Rudolph Schupbach.....Dover
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Larry Wayne Southworth.....Columbus
 B.S.E.E. (Iowa State University)
Field of Specialization: Business Organization
- Dennis James Tomsey.....Pittsburgh, Pa.
 A.B. (Mount Union College)
Field of Specialization: Business Organization
- Harrison David Welles.....Miami, Fla.
 B.B.A. (University of Miami)
Field of Specialization: Business Organization
- Kathleen Tolbert Wilkinson.....Wooster
 B.Sc. in H.E.
Field of Specialization: Business Organization
 (Twenty-seven candidates)

Master of City Planning

- George John Papageorgiou.....Athens, Greece
Field of Specialization: City and Regional Planning
 (One candidate)

Master of Fine Arts

- Julian Carlyle Wells.....Delaware
 B.A. (Ohio Wesleyan University)
Field of Specialization: Fine Arts (Sculpture)
- Doris Jean Zabawa.....Manville, N. J.
 B.F.A.
Field of Specialization: Fine Arts (Ceramics)
 (Two candidates)

Master of Music

- Randolph Newell Currie.....Atmore, Ala.
B.Mus. (Birmingham-Southern College)
Field of Specialization: Music
(One candidate)

Master of Science

- Jephthah Anozie Abara.....Owerri, East Nigeria
B.Ch.E.
Field of Specialization: Chemical Engineering
- Donna Haden Abshier.....Nacogdoches, Tex.
B.A. (Stephen F. Austin State College)
Field of Specialization: Home Economics
- Oscar Amable Aparicio.....Columbus
B.S.M.S. (University of Valladolid) ; D.M.S. (University of Madrid)
Field of Specialization: Pathology
- Paulo Fernando Cidade de Araujo.....Piracicaba, Brazil
Engeneiro Agronomo (Universidade Rural)
Field of Specialization: Agricultural Economics and Rural Sociology
- Roberto Aviles-Carranza.....San Jose, Costa Rica
Ing. Civil (Universidad de Costa Rica)
Field of Specialization: Civil Engineering
- John Badekas.....Athens, Greece
Agronomist and Surveying Eng. (National Technical University of Athens)
Field of Specialization: Geodetic Science
- Sandra Taylor Bailey.....Lockport, N. Y.
B.S. (Cornell University)
Field of Specialization: Home Economics
- Joseph Warren Balch.....Point Pleasant, W. Va.
B.E.E.
Field of Specialization: Electrical Engineering
- Ella Mae Bard.....Columbus
B.Sc. in H.E.
Field of Specialization: Home Economics
- Jacquelyn Petri Bartz.....Fairview Park
B.Sc. in H.E.
Field of Specialization: Home Economics
- Roger Gene Beach.....Dayton
B.S. (Wittenberg University)
Field of Specialization: Mathematics
- Ronald James Bergman.....Elyria
B.Sc.
Field of Specialization: Microbiology
- Amar Krishan Bhargava.....Jaipur, India
B.V.Sc. and A.H. (University of Rajasthan)
Field of Specialization: Veterinary Surgery and Radiology

- Richard Allen Bieberich.....Preble, Ind.
B.S. (Ball State University)
Field of Specialization: Mathematics
- Thomas Joseph Birch.....Wheeling, W. Va.
B.S. (Marietta College)
Field of Specialization: Zoology
- Ronald Lemar Boase.....Cedarville
Mech.Eng. (University of Cincinnati)
Field of Specialization: Mathematics
- Anthony Adrian Boiarski.....Cadiz
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- David Earl Bolin.....Clinton, Ky.
B.S. in Agr. (University of Kentucky)
Field of Specialization: Agronomy
- Gerald Anthony Bullano.....Farrell, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Chemical Engineering
- Timothy Callanan.....Clonmel, Tipperary, Ireland
B.S. (National University of Ireland)
Field of Specialization: Dairy Technology
- Jack Edward Callender, Jr.....Galion
B.C.E.
Field of Specialization: Civil Engineering
- Robert Adolph Candon.....Cleveland
D.V.M.
Field of Specialization: Veterinary Physiology and Pharmacology
- King You Chai.....Taipei, Taiwan, China
B.Sc. (Taiwan Provincial Chung-Hsing University)
Field of Specialization: Agricultural Economics and Rural Sociology
- *Charles Everett Chaille.....Columbus
Field of Specialization: Ceramic Engineering
- Leon I. Cherney.....Rochester, N. Y.
A.B. (Brown University)
Field of Specialization: Chemistry
- Richard John Christensen.....Olmsted Falls
B.C.E.
Field of Specialization: Civil Engineering
- Barbara Jill Crabtree.....Ironton
B.S. (Ohio University)
Field of Specialization: Microbiology
- Roy Allen Cuthbert.....Galena
B.Sc.
Field of Specialization: Botany
- Jeffrey Carter Daneman.....Dayton
B.S. (Marietta College)
Field of Specialization: Mathematics
- Walter Joseph Dieward.....Hamilton
B.S.C.E. (University of Dayton)
Field of Specialization: Civil Engineering

- Edward Robert Duffy.....Valley Stream, N. Y.
B.S. (Polytechnic Institute of Brooklyn)
Field of Specialization: Metallurgical Engineering
- Charles Douglas Dunlap.....Bowerston
B.Ch.E.
Field of Specialization: Chemical Engineering
- Robert Manson Dunton, Jr.....Bay Village
B.A. (Johns Hopkins University)
Field of Specialization: Physiological Chemistry
- Paul David Eberwine.....Fresno
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Robert Lee Eby.....Farmersville
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Sherrill Eldren Echterkamp.....Camp Point, Ill.
B.S.Agr. (Southern Illinois University)
Field of Specialization: Animal Science
- Ralph David Ehrich.....Columbus
B.E.E.
Field of Specialization: Electrical Engineering
- Emil Joseph Eichblatt, Jr.....Las Vegas, Nev.
B.S. in E.E. (Texas Agricultural and Mechanical University)
Field of Specialization: Electrical Engineering
- Beth Jayne Ellis.....South Portland, Me.
B.A. (University of Maine)
Field of Specialization: Pathology
- Dennis William Ellis.....Canton
B.A.
Field of Specialization: Anatomy
- Richard Holman Ernst.....Columbus
Met.E. (University of Cincinnati)
Field of Specialization: Metallurgical Engineering
- Linda Johnson Evec.....Bucyrus
B.Sc. in Med.Tech.
Field of Specialization: Pathology
- James Walter Eyster.....Canfield
B.M.E.
Field of Specialization: Industrial Engineering
- Marjorie Miller Fawcett.....Dayton
B.S. (Nursing) (University of Dayton)
Field of Specialization: Nursing
- Nadia Forni.....Rome, Italy
Field of Specialization: Agricultural Economics and Rural Sociology

- Arthur Maris Franke.....St. Paris
B.Sc. in Agr.
Field of Specialization: Animal Science
- Lawrence William Fritz.....Bethesda, Md.
A.B. (Lafayette College)
Field of Specialization: Geodetic Science
- Ralph Donald Froelich.....Westerville
B.S., M.D. (University of Wisconsin)
Field of Specialization: Psychiatry
- Jose Angel Gelpi.....Columbus
M.D. (University of Salamanca, Spain)
Field of Specialization: Psychiatry
- Murilo Graner.....Piracicaba, Brazil
Engenheiro-Agronomo (Universidade de Sao Paulo)
Field of Specialization: Animal Science
- Roberta Lyon Gray.....Grants Pass, Ore.
A.B. (Findlay College)
Field of Specialization: Pathology
- David Haynie Gregor, Jr.....Columbus
A.B. (Miami University)
Field of Specialization: Zoology
- Robert Harry Groves.....Warnock
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Roger Allen Grubic.....Columbus
B.E.E.
Field of Specialization: Electrical Engineering
- Leela Gulati.....Lucknow, India
B.A., M.A. (University of Lucknow)
Field of Specialization: Mathematics
- Linda Dianne Hall.....Lima
A.B. (Miami University)
Field of Specialization: Microbiology
- John Alexander Harchanko.....Minot, N. Dak.
B.S. (University of North Dakota); D.D.S. (Loyola University)
Field of Specialization: Dentistry
- Kenneth Wayne Helberg.....Kettering
B.S. in E. E. (Valparaiso University)
Field of Specialization: Electrical Engineering
- James Eugene Hunt.....Imogene, Ia.
B.S. (Ag.B.) (Iowa State University)
Field of Specialization: Agricultural Economics and Rural Sociology
- Roger Wayne Hyatt.....Dayton
B.A. (Hanover College)
Field of Specialization: Physics

- Paul Nicholas Iwanchuk.....Kent
B.S. (Kent State University)
Field of Specialization: Mathematics
- Zuhair Korea Jamil.....Baghdad, Iraq
B.D.S. (University of Baghdad)
Field of Specialization: Dentistry
- Linda Lou Jeffis.....Barberton
B.Sc. in Nurs.
Field of Specialization: Nursing
- Kathleen Lewis Johnson.....Burton
B.Sc. in H.E.
Field of Specialization: Home Economics
- Ronald Alan Johnson.....Barrington, Ill.
B.S. (Vet.Med.), D.V.M. (University of Illinois)
Field of Specialization: Veterinary Surgery
- Richard Joe Kasten.....Raytown, Mo.
B.S. in Met. Engr. (University of Missouri)
Field of Specialization: Metallurgical Engineering
- Rita Butchko Kerr.....Havertown, Pa.
B.Sc. in Nurs.
Field of Specialization: Nursing
- Aqeel Ahmad Khan.....Deoria, India
B.Sc., M.Sc. (Aligarh Muslim University)
Field of Specialization: Mathematics
- David Lawrence Kimmel.....New York, N. Y.
A.B. (Columbia University)
Field of Specialization: Mathematics
- Joan Spector Kimmel.....Bronx, N. Y.
A.B. (Columbia University)
Field of Specialization: Mathematics
- Anna King.....Causeway Bay, Hong Kong, China
B.S. (Baylor University)
Field of Specialization: Chemistry
- Cheryl Leslie Kinsey.....Columbus
B.Sc. in Nurs.
Field of Specialization: Nursing
- Rhona Stewart Kirkpatrick.....Elyria
B.Sc. in Nurs.
Field of Specialization: Nursing
- Richard Alan Kitzerow.....Dayton
B.S. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- John Clayton Klippert.....Minerva
A.B. (Western Reserve University)
Field of Specialization: Mathematics

- Sandra Anne Komson.....Shenandoah, Pa.
B.S.N. (Catholic University of America)
Field of Specialization: Nursing
- Richard F. Krenek.....Cleveland
B.E.S. (Cleveland State University)
Field of Specialization: Industrial Engineering
- Chanchai Kulpichitra.....Thonburi, Thailand
B.Eng. (Chulalongkorn University, Bangkok)
Field of Specialization: Civil Engineering
- Barry DeWitt Lawrence.....Accord, N. Y.
B.S.M.E. (Milwaukee School of Engineering)
Field of Specialization: Welding Engineering
- Dale Vernon Leppert.....Dublin
B.E.E.
Field of Specialization: Electrical Engineering
- Katherine Anne Lien.....Columbus
B.Sc. in Nurs.
Field of Specialization: Nursing
- Richard Max Lowden.....Columbus
B.A.
Field of Specialization: Botany
- Loren Lemoine Lucas.....Marysville
B.Sc. in Food Tech.
Field of Specialization: Horticulture
- Barbara Louise Lust.....Ft. Thomas, Ky.
B.Sc. in Nurs.
Field of Specialization: Nursing
- Mary Guernsey MacVicar.....Columbus
B.S. (Nurs.) (University of Colorado)
Field of Specialization: Nursing
- Richard Lee Martin.....Portsmouth
B.S. in Edu. (Ohio University)
Field of Specialization: Zoology
- Samuel Dewey McCulloch, Jr.....Aransas Pass, Tex.
B.A. (Texas Christian University)
Field of Specialization: Geodetic Science
- Jeffery Thomas McLean.....Morrilton, Ark.
B.A. (Hendrix College)
Field of Specialization: Mathematics
- Jyotindra Vaikunthrai Mehta.....Baroda, India
B.Engg. (E.E.) (University of Baroda); M.S. in Mech. Engrg.
(University of Wisconsin)
Field of Specialization: Electrical Engineering
- Stephen Brent Miller.....Hamilton
B.Sc.
Field of Specialization: Microbiology

- Evan Douglas Millikin**.....Arcanum
 B.M.E. (General Motors Institute)
Field of Specialization: Mathematics
- Rajindar Mohindra**.....New Delhi, India
 B. Tech. (Indian Institute of Technology)
Field of Specialization: Industrial Engineering
- Catherine Marie Moreau**.....St. Nicolas, De Port, France
Field of Specialization: Chemistry
- Mary Jane Bradley Mrowiec**.....Columbus
 B.Sc. in Nurs.
Field of Specialization: Nursing
- Jeffrey Alan Myers**.....Columbus
 B.C.E.
Field of Specialization: Civil Engineering
- Teeluck Narinesingh**.....Fyzabad, Trinidad, West Indies
 B.Sc. (Civil Eng.) (University of the West Indies)
Field of Specialization: Civil Engineering
- *Robert Paul Oates**.....Youngstown
Field of Specialization: Welding Engineering
- Jose C. Orbegozo**.....Southgate, Ky.
 Doctor en Medicina y Cirugia (Universidad Nacional de Colombia)
Field of Specialization: Preventive Medicine
- Richard Philip Peat**.....Falls Church, Va.
 B.S. (Oregon State University)
Field of Specialization: Geodetic Science
- Gerald Melville Penn**.....Toledo
 B.S. (University of Toledo); M.D.
Field of Specialization: Physiological Chemistry
- Beverly Jean Rauch**.....Dayton
 B.Sc. in Edu.
Field of Specialization: Botany
- Michael Lee Rich**.....Cleveland
 B.Met.E.
Field of Specialization: Metallurgical Engineering
- Marilyn Martha Roehm**.....Dayton
 B.S. in Nurs. (University of Cincinnati)
Field of Specialization: Nursing
- Joyce Fitzpatrick Roth**.....Bridgeport
 B.S.N. (Georgetown University)
Field of Specialization: Nursing
- George Nostrand Rowland**.....Cincinnati
 A.B. (Miami University); D.V.M.
Field of Specialization: Veterinary Pathology

* Two degrees

- Duane Paal Rubertus.....Marshall, Minn.
B.E.E. (University of Minnesota)
Field of Specialization: Electrical Engineering
- Tsutomu Saito.....Yokohama, Japan
B.Sc., M.Sc. (University of Tokyo)
Field of Specialization: Geodetic Science
- Roy LaVerne Samuelson.....Findlay
B.I.E.
Field of Specialization: Industrial Engineering
- Donald Ernest Saunders.....Marietta
B.Ch.E.
Field of Specialization: Chemical Engineering
- Edwin William Schmidt, Jr.....Gahanna
B.Sc. in Food Tech.
Field of Specialization: Horticulture
- Gerhart Schwab.....Columbus
Field of Specialization: Chemistry
- Sallyann Knickle Schwab.....Columbus
B.S. (Nursing) (Capital University)
Field of Specialization: Nursing
- Malcolm Keith Scott.....Lorain
B.S. (Baldwin-Wallace College)
Field of Specialization: Chemistry
- Elsie Ann Sexton.....Columbus
B.Sc. in Nurs.
Field of Specialization: Nursing
- Franklin Bong-See Shah.....Kowloon, Hong Kong, China
B.E.E.
Field of Specialization: Electrical Engineering
- Wei Lee Shia.....Taipei, Taiwan, China
B.S. (Taiwan Provincial Chen Kung University)
Field of Specialization: Civil Engineering
- Kazumitsu Shinohara.....Kochi, Japan
B.E. (Tokyo Institute of Technology)
Field of Specialization: Metallurgical Engineering
- Mildred Engle Stalder.....Baltimore, Md.
B.S. (Morris Harvey College, West Virginia)
Field of Specialization: Botany
- John Noel Stitzlein.....Loudonville
B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology

- George Monroe Swisher.....Lancaster
B.S.M.E. (University of Cincinnati)
Field of Specialization: Mechanical Engineering
- Imre Szilagyi.....Youngstown
A.B. (Math.) (Oberlin College)
Field of Specialization: Mathematics
- Catherine Hilaire Thompson.....Bethlehem, Pa.
B.S.N. (University of Pittsburgh)
Field of Specialization: Nursing
- Donald Allen Thompson.....Hutchinson, Kans.
B.S. in Phar. (University of Kansas)
Field of Specialization: Pharmacy
- Polygena Tejada Tuazon.....Vigan, Ilocos Sur, Philippines
B.S.Chem. (University of the Philippines)
Field of Specialization: Chemistry
- Charles Howard Ullery.....Dayton
B.Sc. in Agr.
Field of Specialization: Agronomy
- Catherine Rea Utz.....Aylor, Va.
B.S. in Nurs. (Medical College of Virginia)
Field of Specialization: Nursing
- Wilbur Paul Veith.....Fairview, Pa.
B.E.S. (Penn College)
Field of Specialization: Mathematics
- Hao Van Vo.....Da Nang, South Vietnam
B.S. (Capital University)
Field of Specialization: Mathematics
- Edward Walker.....Cincinnati
B.S. (Pennsylvania State University)
Field of Specialization: Nuclear Engineering
- Clarence Warren Weidner, Jr.....Louisville, Ky.
B.S. (Met.Engr.) (Case Institute of Technology)
Field of Specialization: Welding Engineering
- Peter Herbert Wendschuh.....Wadsworth
B.Ch.E.
Field of Specialization: Chemical Engineering
- *Russell Lee Wenk.....Akron
Field of Specialization: Metallurgical Engineering
- Howard Spencer Wharton.....Ashland
B.Sc.
Field of Specialization: Microbiology
- John Thomas White.....Euclid
B.S. (Ohio University)
Field of Specialization: Physics

* Two degrees

Kwok Chi Wong.....Kowloon, Hong Kong, China
B.Sc. (Chinese University of Hong Kong); B.Sc. (Special) (University
of Hong Kong)
Field of Specialization: Mathematics

David Marshall Young.....Billings, Mont.
D.V.M. (Colorado State University)
Field of Specialization: Veterinary Pathology

Letha Eann Yurko.....Weirton, W. Va.
B.Sc.
Field of Specialization: Microbiology

Alan Eugene Zengel.....Quincy, Ill.
B.S. (University of Illinois); M.B.A. (Miami University)
Field of Specialization: Chemical Engineering

Julia Grothaus Zerbe.....New Bremen
B.Sc.
Field of Specialization: Mathematics

Andrew Alexander Zwarun.....Cleveland
B.Sc.
Field of Specialization: Agronomy

(One hundred and forty candidates)

Master of Science in Public Administration

Istvan Zoltan Domonkos.....Sharon, Pa.
B.A. (Youngstown University)
Field of Specialization: Political Science

Robert Charles Mayer.....Shaker Heights
B.A. (College of Wooster)
Field of Specialization: Political Science

(Two candidates)

Master of Social Work

Janet Spencer Hartnett.....Worthington
B.S. (University of Maryland)
Field of Specialization: Social Work

(One candidate)

Candidates for Two Degrees

Charles Everett Chaille.....	Columbus
Bachelor of Ceramic Engineering (cum laude)	
Master of Science	
Michele Fratianni.....	Columbus
Bachelor of Arts (cum laude)	
Master of Arts	
Janet Mae Kegg.....	Columbus
Bachelor of Arts (summa cum laude)	
Bachelor of Science in Education (summa cum laude)	
William Cadman Lowary, Jr.....	McAlester, Okla.
Bachelor of Arts	
Bachelor of Science in Education	
Robert Paul Oates.....	Youngstown
Bachelor of Welding Engineering	
Master of Science	
Russell Lee Wenk.....	Akron
Bachelor of Metallurgical Engineering	
Master of Science	

(Six candidates)

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Glenn Robert Abke.....	Luckey
Harold Eldon Albert, Jr.....	Williamsport
Robert Jay Baker.....	Beach City
James Allen Batchelor.....	East Palestine
Robert Joe Belding.....	Perry
Arthur Irving Bell.....	Zanesville
Robert Jay Benham.....	Troy
James Carl Birney.....	Tippecanoe
Bruce Allen Bollinger.....	St. Paris
Wallace Wayne Bonsall.....	Canfield
Stephen Eugene Brown.....	Marion
Gerald Ray Campbell.....	London
Shirley Hilda Clevenson (cum laude and with Distinction in Animal Science).....	Watertown, Mass.
Chester Porter Cole.....	South Euclid
Daniel Boyd Cox.....	Middletown
James Fred Crawford.....	Minerva
Charles Edward Davidson.....	Hillsboro
Larry Eugene Dayton.....	Carrollton
Lisle Agustus Dill, Jr.....	Westerville
Kenneth James Dixon.....	Lisbon
David Eugene Ervin.....	Mansfield
Jack Lawson Fetter.....	Bradford
John Clarence Fisher.....	Bucyrus
Donald Henry Fritz.....	Maumee
James Donald Gray.....	Pataskala
James Kent Green.....	Upper Sandusky
Paul Michael Haaf.....	Portsmouth
Harry William Haggard.....	Belle Center
David Bennett Hahn.....	East Canton
Dwight D. Hansen.....	Swanton
Raymond William Helbling.....	Ripley
Don Douglas Householder.....	Junction City
Wayne Frederick Hughes.....	Avoca, N. Y.
Larry Edward Kandel.....	Lancaster
Robert Alan Keller.....	Bellaire
Samuel Levi Kimpel, Jr.....	Somerset
Ronald Neil King.....	Bellefontaine
James Warren Klopp.....	Burgoon
Albert Frederick Laman.....	Cleveland
Hirst Anthony Lampton, Jr.....	New Albany
Wayne Leroy Lash.....	Carrollton
David Mock Livingston.....	Urbana
Wayne Roscoe Longbrake.....	Massillon
Donald Paul Maassel.....	Napoleon
Karl Harry Marcussen.....	Bay Village
John Edward McCoy.....	Wooster
Larry Douglas McKenzie.....	Clayton
Donald James Miner.....	Mansfield
Joseph Carl Mizer.....	Stone Creek

Jerry Lee Neff.....	Fairborn
James Harland Netcher.....	Elmore
Kenneth James Nicholl.....	Lyndhurst
Carlton Moore Orebaugh.....	Euclid
James Leland Overmoyer.....	Williamsfield
Edwin Lee Parker.....	Wooster
Jonathan Neal Pietschman.....	Cleveland
Victoria Lynn Radabaugh.....	Cincinnati
Charles Melvin Raw.....	Wadsworth
Catherine Ann Lawson Reinoehl.....	Carrollton
Gloria Swick Ritchey.....	Morrill
Robert Lee Romig.....	Tuscarawas
Richard John Roof.....	Mansfield
Garry Lee Seitz.....	Grove City
Daryl Stanley Shoemaker.....	Waverly
Ralph Sherman Shoots.....	Bellefontaine
Frederick Preece Smith.....	Toledo
Paul Conrad Smith.....	Wapakoneta
Quentin Cyrillas Smith.....	North Canton
Gerald Kenneth Snyder.....	Dalton
William Larry Speer.....	Youngstown
Alan Bruce Spieth.....	North Royalton
James Alfred Square, Jr.....	Perry
James Bendict Stachler.....	Rosburg
Dale Edward Stoffer.....	Homeworth
Larry Earl Taylor.....	Alliance
John Norman Thatcher.....	Delphos
Robert Karl Troutman.....	Shreve
Oliver Moore Tucker.....	Columbus
Vernon Arthur Vick.....	Bowling Green
Daniel Lee Vollmar.....	Chillicothe
George Albert Wackerman.....	Delaware
Carl William Wagner.....	Greenville
Chester Ward.....	Dayton
Kathryn Suzanne Wright.....	Cincinnati

(Eighty-four candidates)

Bachelor of Science in Biochemistry

Margaret Ann Lindsay (with Distinction in Biochemistry).....Canfield

(One candidate)

School of Home Economics

Bachelor of Science in Home Economics

Lynn Marie Baginski.....	Columbus
Charlotte Ann Bair.....	Zanesville
Linda Abrahamson Becker.....	Columbus
Katherine Ann Bobula.....	Delaware
Kay Woodten Crawford.....	Rocky River
JoAnn Mary Crecelius.....	Milan
Joyce Ann Drake.....	Lebanon
Della Ann Earley.....	Mt. Gilead
Rosalie Shroyer Elliott.....	Ridgeway
Thelma June Harris.....	Celina

Kathleen Jelley Hawkins.....	Sidney
Peggy Ann Henize.....	Seaman
Enid Louise Ihle.....	Galena
Barbara King Kerr.....	Columbus
Karen Kay Knell.....	Medway
Nancy Settlemyre Landl.....	Wilmington
Karen Whinnery Laposki.....	Adena
Linda Irene Lawrence.....	Gibsonburg
Virginia Mae Manker.....	Canal Winchester
Mary Ellen May.....	Shelby
Mary Helen McKeever.....	Chillicothe
Susan Jeanne Narance.....	Marion
Mary Virginia Nichols.....	Columbus
Mary Morris Noble.....	Columbus
Marcia Elaine Pope.....	Bloomville
Penny Lee Porter.....	Rushsylvania
Marsha Sutter Reeves.....	Bryan
Barbara Lee Rizzardi.....	Lafferty
Jean Terrie Rose.....	Columbus
Jane Sue Schimpf.....	Bloomville
Mary Claire Settlemyre.....	Lima
Susann Innis Shaw.....	Columbus
Kay Brookover Shew.....	Wintersville
Carol Law Stanley.....	Belpre
Judith Jill Sterrett.....	Findlay
Carol Ann Suttkus.....	Leesburg, Fla.
Susan Kathleen Valentine.....	Sidney
Carol Jean Washburn.....	Columbus
Rebecca Kaye Wood.....	Marion
Linda Carol Works.....	Cambridge

(Forty candidates)

College of Arts and Sciences

Acting Dean: Robert A. Oetjen

Bachelor of Arts

JoAnn Aebersold.....	Jamestown
Carl DaCosta Angel, Jr.....	Columbus
Thomas McCann Baggott.....	Dayton
Mark Bernard Baldy.....	Columbus
John Ambrose Bentz, Jr.....	Columbus
David Lawrence Blanchard.....	Lima
Branimir Nicholas Bosiljevic.....	Cleveland
Bruce Edward Brown.....	Columbus
Raymond Benedict Butkus.....	Cleveland
Leslie Margot Cedar.....	Woodmere, N. Y.
Edward John Chamberlin.....	Dayton
Dennis Lee Clary.....	Columbus
David Delmore Cleesattle.....	Cleveland
William Ebbert Coleman.....	Hubbard
Henry James Cring.....	Sunbury
Geoffrey Porter Cummings.....	Columbus
Gregory James Daugherty.....	Worthington
Richard Thomas Davies, Jr.....	Columbus
Willard Grant Davis.....	Columbus
John Nicola DiPucci.....	Dayton
Marilyn Ann Divoky.....	Shaker Heights
Lawrence Vernon Dixon, Jr.....	Columbus
Sue Carolyn Dunn.....	Fairborn
Mara Renate Dzirne.....	Dayton
Michele Miriam Elek.....	Parsippany, N. J.
Joel Harvey Feinberg.....	Columbus
George Michael Fenn.....	Akron
*Michele Fratianni (cum laude).....	Columbus
Louis Allen Friscoe.....	Columbus
Barbara Jeanne Gallier.....	Perrysburg
Joseph Michael Gamgene.....	Youngstown
Constance Jane Geesey.....	Bryan
Bruce Edward Gillespie.....	Mayfield Heights
Carol Lynn Goslee.....	North Royalton
Lee Grant.....	Columbus
Douglas Griffith (with Distinction in Psychology).....	Columbus
George Richard Haag.....	Mansfield
Kenneth Handwerker.....	Levittown, N. Y.
Douglas Eric Harala.....	Fairview Park
Sharon Ann Harness.....	Chillicothe
Kendra Lee Henry.....	Jackson
Joseph Michael Hogan, Jr.....	Columbus
Marcia Kay Hopple.....	North Olmsted
Thomas Anthony Horne.....	Sewickley, Pa.
Theodore Hudson.....	Shaker Heights
Harry Paul Jacobson.....	Columbus
*Janet Mae Kegg (summa cum laude).....	Columbus
Morton E. Kent.....	Cleveland
James Arthur King.....	Cleveland
James Louis Klehm.....	Galion

* Two degrees

Ronald Allan Knight.....	Orwell
Gary Grant Koch.....	Akron
John Daniel Lett.....	Springfield
Sue Ellen Levy (summa cum laude).....	Baltimore, Md.
*William Cadman Lowary, Jr.....	McAlester, Okla.
Burt Alan Lowlicht.....	Hicksville, N. Y.
John Michael Luber.....	Adena
Harold Eugene Luidhardt.....	Bucyrus
Edward Francis Lynch.....	Columbus
Eunice Page Lytle.....	Johnstown
Edward Francis Malinowski.....	Garfield Heights
Patrick Raymond Maples.....	Dayton
Judith O'Hara Marsh.....	Worthington
Joseph Gerald Massey.....	Columbus
Jerry William McCluer.....	Harrod
Russell Joseph Meyer.....	Columbus
David Earl Murdock.....	Columbus
Cyrus Barnholt Nicholas, Jr.....	Cleveland
Thomas Bernard Niese.....	Ottawa
Siebrand Henry Niewenhous III.....	Chagrin Falls
James Lawrence Nolan, Jr.....	Columbus
Mary Elizabeth Northup.....	Toledo
Nancy Wilson Nungesser.....	Columbus
Janice Winne Palm.....	Jonesville, N. Y.
William Howard Palmer.....	Poland
Susan Zivnuska Potter.....	Arlington, Va.
Donald Lorne Prebus.....	Columbus
George Victor Pupala.....	Mansfield
Michael Wayne Quinn.....	Columbus
Lawrence Michael Ratner.....	Shaker Heights
Richard Howard Reeser.....	Marion
Rae Frances Reynolds.....	Dayton
Charles Theodore Roof.....	Medway
Frederick Bargar Safford.....	Columbus
Thomas Daniel Scheiderer.....	Columbus
Thomas John Scheiderer.....	Columbus
Ronald Henry Schmenk.....	Columbus
Lynda Kilmer Scott.....	Oberlin
Thomas Nelson Scott.....	Columbus
Theodore McCoy Searight.....	Lorain
David Edward Selders.....	Dayton
Terry Val Settlemire.....	Lima
James Jeffrey Seymour.....	Columbus
Paula Jean Smith.....	Painesville
Carol Oakwood Solis.....	Columbus
Darlene Janet Sones.....	Kettering
Gordon Philip Spice, B.B.A. (University of Toledo).....	Toledo
John Odum Sproat.....	Chillicothe
John James Tambakis.....	Columbus
Kathleen Martin Thomas.....	Columbus
Michael Earl Thomas.....	Columbus
Kenrick Steven Thompson.....	Westerville
Joseph Richard Timer.....	Bethlehem, Pa.
Bernard Edward Ventre.....	Syracuse, N. Y.

* Two degrees

Becky Lynne Warfel.....	Springfield
Thomas Charles Weitzel.....	Springfield
David Edward Williamson.....	Marion
David Lee Willman.....	Dublin
John Larry Winowich.....	Girard
Carolyn Ann Wzorek.....	Elizabeth, N. J.
Lenore Mary Yash.....	Northfield

(One hundred and eleven candidates)

Bachelor of Science

Larry Gordon Barringer.....	Hilton, N. Y.
William Malcolm Baumgardner.....	Piqua
Charles William Bell.....	Mt. Vernon
Gundega Mara Roze Bucher.....	Stow
John Waldo Campbell.....	Tuscarawas
Bonnie Ann Canfield.....	Columbus
Richard Joseph Copits.....	Mt. Vernon
Robert Michael Davis.....	Columbus
Gerald Edward Dice.....	Tallmadge
Richard Ray Gentry.....	Cincinnati
Howard Ross Hale, Jr.....	Columbus
Charles Herbert Harrington.....	Columbus
Andrew Bernard Heck.....	Zanesville
John Ludlow Hiatt.....	Columbus
Steven Edward Hillman.....	Columbus
Michael Irwin Kahn.....	West Chester, Pa.
Thomas Joseph Kaliker.....	Lima
Robert Howard Kerner.....	Westlake
Thomas Richard Kessinger.....	Hillsboro
Robert Eugene Konrad.....	Kettering
Kenneth Llacera.....	Dayton
Gerald Lee Mann.....	Dennison
Donald Lewis McNamee.....	Columbus
David Franklin Miller.....	Springfield
James Joseph Minc.....	Cleveland
Brice Russell Musser.....	Lima
Nicholas Theodore Mustric.....	Fairview Park
Dennis Lloyd Nemec.....	Garfield Heights
Robert Richard Perry.....	Cleveland
Nancy Jo Ramsey.....	Cleveland Heights
Ronald Cropper Reeve, Jr.....	Columbus
Michael Dean Robinson.....	Maumee
Riadh Abdul Rehman Samarraï.....	Baghdad, Iraq
Kathleen Hamilton Samuelson.....	Piqua
Robert James Scribner.....	Geneva
James Wesley Sharon.....	Columbus
Bernard Thomas Smith.....	Columbus
Elisabeth Alicyn Smith.....	Bay Village
Daniel Ray Steffey.....	Mansfield
Donald Clifton Stephens.....	Columbus
Jacqueline Strong.....	Gahanna
Robert John Taylor.....	St. Clairsville
Nancy Jo Peterson Uniacke.....	Canton
David Leith Wheeler.....	Bedford
Robert Daniel Wisecup.....	Chillicothe

(Forty-five candidates)

School of Journalism

Bachelor of Arts

David Geren Brown.....	South Euclid
Frank Paul Finegold.....	Elyria
Walter Henry Grell III.....	McLean, Va.
Don Charles Hammer.....	Morris, Ill.
David Lester Hopcraft.....	Cleveland
Sherri Lee Ratliff.....	Middletown
Helena Resnick.....	New York, N. Y.
Marc Alan Singer.....	Cleveland
Stanley Spencer.....	Eaton
James Richard Stewart.....	Circleville

(Ten candidates)

College of Biological Sciences

Dean: Ralph M. Johnson

Bachelor of Science

Michael Adams.....	Columbus
Richard Charles Blackburn.....	Cleveland
John Anthony Caruso.....	South Euclid
William Leroy Daugherty.....	Columbus
Suzanne Foster.....	Columbus
Robert Edward Greenlee.....	St. Clairsville
Kolman John Hahn.....	Miami, Fla.
Jack Harvey Hamilton.....	Euclid
Robert Thorenz Hopper.....	Arcadia, Calif.
James Milton Howard.....	Strongsville
Peter Dirck Keyser.....	Hinsdale, Ill.
Edward Barry Kleinman.....	Cincinnati
Carl John Kube.....	Cincinnati
Wynne Vinson Elwood LeGrow.....	Sunbury
Rita Frances Leopold.....	Lakewood
Russell David Madison.....	Columbus
John Lee Martin.....	Jackson
James Franklin Maxwell.....	Bay Shore, N. Y.
Gary Lee Medford.....	Ohio City
Robert Nicholas Muetzel.....	Columbus
Michael Lee Palestrant.....	Columbus
Robert Everett Persing.....	New Middletown
David Raymond Reinbolt.....	Columbus
Ronald Michael Runyan.....	Hamilton
John William Schroer.....	Newark
Carl Robert Sticht.....	Shaker Heights
Patty Stade Thompson.....	Worthington
Allen Jay Thrush.....	Lancaster
Jon Fred Van Arsdell.....	Medina
Lloyd Edwin Wallace.....	Tuscarawas
Carol Thompson Weisert.....	Columbus
Thomas Milton Weyrick.....	Ashland
Harold Edward Winkler, Jr.....	Hamilton

(Thirty-three candidates)

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration

Donald Thomas Albanese.....	Columbus
Robert Charles Ansley.....	Columbus
William George Baker.....	Glenford
Arnold Michael Berke.....	Elyria
Mary Podracky Bivens.....	Parma
William Edward Boggess.....	Gahanna
John William Bond.....	Columbus
John Michael Brady.....	Bay Village
George Theodore Brown.....	Columbus
John Steven Burke.....	Beckley, W. Va.
Barry Lynn Burnside.....	Niles
Gregg Frederick Chalecki.....	Dayton
William Thomas Clark.....	Wooster
Judith Dunning Collison.....	Washington, D. C.
Ronald John Cooper.....	Martins Ferry
George Alexander Curnow.....	Columbus
Michael Guy Dague.....	Thornville
John Cipriani D'Altorio.....	Cleveland
Robert Lee Day, Jr., B.A.....	Bay Village
Josephine Ann DiSabato.....	Columbus
Pamela Mary Edwards.....	Winfield, Ill.
David Gillie Eaton Fankhauser.....	Cincinnati
Myron Gosche Feuerhahn.....	Hudson
Philip Steven Finke.....	Columbus
Robert Earl First, Jr.....	Lima
Daniel Joseph Fortman.....	Minster
Michael Lapp Fribley.....	Mt. Vernon
Forrest Roger Garnett.....	Hudson
John William Garratt.....	Cleveland Heights
James Thomas Gilmore.....	Lancaster
Steven McKenzie Gilmore.....	Lancaster
Nancy Lee Gindin.....	Downingtown, Pa.
Harry Virgil Goble.....	Hamilton
Theodore Raymond Grevenkamp.....	Columbus
Charles Kenneth Grotzky.....	Columbus
James Henry Gunther.....	Columbus
Glenn Michael Handler.....	Cleveland
Jerry Edwin Hay.....	Columbus
Thomas Jerry Hazlett.....	Galion
Larry Michael Hefling.....	Parkersburg, W. Va.
William Hoppman III.....	Berea
Stephen Synnott Hougham.....	Marietta
Arthur G. Kash.....	Middletown
Benson Lowell Kern.....	Columbus
Khalil Khosrowshahi.....	Tehran, Iran
Terry Lee King.....	Newark
Gary Roger Kitsmiller.....	Blacklick
Donald Joseph Knapp.....	Columbus
John Robert Knight.....	Lancaster
Thomas DeWeese Kramer.....	Sidney
Joseph Peter Landl.....	Cleveland

James Gilbert LeBay.....	Columbus
Edward John Lewis.....	Girard
Irving Edward Little.....	Independence
Michael Jay Lubbers.....	Springfield
Stephen Wilson Lusk.....	Cincinnati
Carol Ann Lutz.....	Shelby
Albert Thomas Maloney, Jr.....	Auburn, N. Y.
Charles Anthony Mandator.....	Springfield
Richard David Marks.....	Columbus
Mark Philip Meiselman.....	Dayton
William Joseph Meyer.....	Kent
Samuel Leroy Miller.....	Maple Heights
Thomas Windsor Moore.....	Lancaster
Richard Lee Mount.....	Newark
Lee Paul Munder.....	Lakewood
Frank Vincent Muraco.....	Cleveland
Gary Lynn Murph.....	Rome, N. Y.
Richard Henry Mynark.....	Columbus
William Terrance Nangle.....	Springfield
Jerry Lynn Neff.....	Arcanum
James Russell Nein.....	Middletown
Jon Philip Noerager.....	Trumbull, Conn.
Jan Gilbert Oberdick.....	York, Pa.
George Peter Oswald.....	Glen Cove, N. Y.
William John Pegel.....	Dallas, Tex.
Gary William Penwell.....	Wooster
Roger Lavern Pfeiffer.....	Marion
William Albert Pinkerton.....	Columbus
John Ernest Polivka.....	West Hempstead, N. Y.
Roger Jan Porter.....	Mt. Vernon
Donald Lloyd Potts.....	Cambridge
Donna Lee Poulton.....	Columbus
Donald Rohrer Ramsey.....	Columbus
Richard Lewis Redd.....	Mt. Sterling
Alan Jay Reiff.....	Lima
David Eugene Robinson.....	Troy
James Phillip Roesch.....	Avon Lake
Daniel Ned Roush.....	Lima
Alan Boyd Rowley.....	Marion
Arnold Martin Schwartz.....	Akron
Hubert Sherwood Senne, Jr.....	Akron
Alan Jay Serotta.....	Chattanooga, Tenn.
Brent Wesley Shenk.....	Columbus
Mark Keith Simmons.....	Hot Springs, Ark.
Neal Harmon Simon.....	Cincinnati
Gerald Duane Smith.....	Columbus
James Blair Smith.....	Centerville
Robert Henry Smith.....	New Philadelphia
Jarrett Edward Stephenson.....	Cincinnati
Frank Jerald Stolle.....	Dayton
Edwin Francis Susi.....	Columbus
Robert Arthur Taylor.....	Centerburg
Robert George Tuhacek.....	Wickliffe
Larry Waller.....	Columbus
Larry Leo Walton.....	Columbia Station
John Jeffrey Weiss.....	Canton

John Anthony Weitzel.....	Springfield
William Stuart Weprin.....	Dayton
Donald Francis West, Jr.....	Galion
Jerry Scott Whittington.....	Granville
Diane Laura Wray.....	Cincinnati
David William Wright.....	Columbus
Michael Christen Zeigler.....	Woodsfield

(One hundred and fourteen candidates)

School of Social Work

Bachelor of Science in Social Welfare

Marianne Borel.....	Columbus
Julie Ann Charles.....	Columbus
Harris Gerry Cohen.....	Cincinnati
Sheila Kay Dickson.....	Columbus
Marjorie Lynn Dooley.....	Grove City
Donna Lee Enckler.....	Cleveland
Judy Whitacre Foster.....	New Carlisle
Donna June Friedman.....	Shaker Heights
Deborah Dana Grau.....	Cleveland
Nadine Marie Hooker.....	Wooster
Judith Elizabeth Kibele.....	Columbus
Dale George Kraus.....	Hilliard
Frank Sam LoPresti.....	Wadsworth
Dorothy Henzy Madden.....	Columbus
Barbara Emerson Neubig.....	Galion
Janice Jackson Richardson.....	Columbus
Sheri Schriber Udisky.....	Dayton
Fannie Mae Yoder.....	Hartville

(Eighteen candidates)

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

Richard Clayton Buescher.....	Fairview Park
Joseph Vincent Lonardo.....	Cleveland
Richard Douglas Streit.....	Centerville
William Forbes Wallace, B.Sc.....	Columbus

(Four candidates)

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

John William Abegglen.....	Worthington
Carol Albritton.....	Detroit
Ruth Vail Alves.....	Columbus
Jon Norman Anderson.....	Circleville
Linda Grafmiller Anderson.....	Columbus
Carol Jean Andre.....	Columbus
George Elliott Atanasoff.....	Akron
Darlene Kay Atteberry.....	Kettering
Louise Jeanne Axner.....	Akron
Judith Wotowski Bania.....	Cleveland
Anne Carol Barasch.....	Rochester, N. Y.
William Howard Barnetson, Jr.....	Columbus
Jane Kirschenheiter Barr.....	Lexington
Priscilla McGee Bassett.....	Thompson
Robert Thomas Batwinis.....	Fayette City, Pa.
Marian Durig Bauer.....	Dayton
Wayne H. Bell.....	Mansfield
Daryl Scott Bellis.....	Reynoldsburg
Sharon Ann Bender.....	Prospect
Barbara Luck Bershon.....	Akron
Susan Blake.....	Sidney
Robert Barry Blecher.....	Cleveland
Allen Irwin Bloomberg, B.A.....	Youngstown
Carol Summers Body.....	Hilliard
Carol Ann Bonham.....	Newark
Larry Joseph Boron.....	Powhatan Point
Raymond Edgar Bowers.....	Columbus
Laura Rae Bradfield.....	Columbus
James Lowell Bradley.....	Mansfield
Beverlee Jennings Bright.....	Zanesville
Sherri Dupree Brooks.....	Columbus
Jay Allen Brower.....	Warrensville
Dianne Leah Brown.....	Massillon
Maxine Lois Brown.....	Akron
Albert William Budding.....	Palos Park, Ill.
Janet Rose Burnside (cum laude).....	Rushsylvania
Ann Glockner Butler.....	Worthington
Marla Faye Cales.....	Ironton
Patricia Ann Cannon.....	Parma
William Emerson Capper.....	Carrollton
Sharon Elizabeth Carlson.....	Akron
Maxine Carvalho.....	Vandalia
Donna Lee Casmar.....	Akron
Harriett Louise Chapdelaine.....	Columbus
Sarahlynn Chapley.....	Warren
Beverly Everett Chapman.....	New Bloomington
Robert Dennis Chirico.....	Reynoldsburg
Barbara Totin Clague.....	Metuchen, N. J.
Walter David Clark.....	Columbus
William Kent Clay.....	Mansfield
Ruth Goller Colville.....	Ney

Sandra Lee Conway.....	McArthur
Galen Morgan Cool.....	Newark
James Richard Crabtree.....	Chillicothe
Patricia Berry Crane.....	Oregon
Margaret Gorman Davidson.....	Buford
Barbara Ellen Davis.....	Kailua, Oahu, Hawaii
William Harold Davis.....	Nashport
Martin Joseph Deak.....	Hubbard
David Lee Dillon.....	Springfield
Janice Rose Dodge.....	Portsmouth
Gerald Clarence Dull.....	Barberton
David Allan Dunlavy.....	Lima
Lewis William Dye.....	Marion
Diana Lane Ebersold.....	Washington, D. C.
Bernal Eugene Eckhart.....	Lancaster
Joanne Kuenning Edmondson.....	Columbus
Margaret Ann Enyeart.....	Ashland
Pamela Mills Etzel.....	Ironton
Sandra Pastor Farrington.....	Cleveland
William Maurice Finch.....	Columbus
Michael John Fitsko.....	Columbus
Peggy Ellen Fitzmaurice.....	Canton
Mary Elizabeth Flaiz.....	Cleveland
Susan Fall Fondriest.....	Columbus
James Norbert Fortkamp.....	Columbus
Roberta Ann Fouts.....	Gnaddenhutten
Jewel Louise Fox.....	Elyria
Susan Elaine Freshour.....	Hillsboro
Linda Sue Fultz.....	Columbus
Scharyle Louise Funk.....	Bellevue
Joseph Clark Garrett.....	Belpre
Kathryn Ann Gaskill.....	Columbus
Doris Meyer Gerdeman.....	Delphos
Karen Marie Geringer.....	Toledo
Pamela Sue Gillette.....	Cridersville
June Berns Gold.....	Cleveland Heights
Hallee Susan Gould.....	South Euclid
Janelle Celeste Gradisher.....	Parma
Arlene Carol Green.....	Struthers
Christine Naomi Hada.....	Lihue, Hawaii
Sarah Pelton Hagans.....	Columbus
Wanda Miller Harewood.....	Columbus
Catherine Albers Hargreaves.....	Canton
Steven Ray Harper.....	Marion
Gail Eunice Harrington.....	Ashtabula
Cheryl Wonderling Hartsock.....	Wooster
Junellen Horton Hauff.....	Columbus
Nile Junior Hayes.....	Goshen
Robert William Hindman.....	Worthington
Sara Anne Hines.....	Circleville
Philip Wayne Hord.....	Kenton
Emily Jane Hotchkiss.....	Sandusky
Charity Peaton Hotham (summa cum laude).....	Columbus
Jean Ann Hufnagle.....	Greenville
Nadeen Meyer Hurlock.....	Kenmore, N. Y.
Joyce Sharon Jaffery.....	University Heights

Lillian Dolan Jonassen (cum laude)	Columbus
William Harry Jonath	Huntsburg
LaVerne Frances Kalan	Willoughby
Carol Mary Kaplan	Flushing, N. Y.
Michael Henry Kapson	Columbus
Linda Lee Karol	Toledo
*Janet Mae Kegg (summa cum laude)	Columbus
Carole Elizabeth Kepford	Marion
Michelle Fay Kesling	Sandyville
Debra Kinsbrunner	Brooklyn, N. Y.
Karen Ann Kitchton	Columbus
Doris Elizabeth Knies, B.Mus.	Columbus
George Alan Knight	Columbus
Talia Sue Korn	Columbus
Nancy Irene Kovesdy	Rocky River
Edward Joseph Krcelic	Columbus
Reva Ann Kreis	Delaware
Mary Ann LaFollette	Columbus
Diane Armitage Landry	Columbus
Christina Kay Layman	Cincinnati
Sheila Rae Leeb	Beachwood
Dorothy Diane Leis	Columbus
Andrea Marilyn Levy	Closter, N. J.
Nancy Sue Lewis	Columbus
Francine Beth Limbert	Akron
Martha Schenk Lindner, B.Sc. in Bus.Adm.	Columbus
Lynn Dee Ann Locke	Greenville
*William Cadman Lowary, Jr.	McAlester, Okla.
Ruth Irene Lowden	Columbus
Marcia Kay Macdonald	Newark
Sandra Lee Malberg	Beachwood
William John Manby	Santa Ana, Calif.
Sonya Mandrick	Warren
Marlene Carol Marks	Columbus
Nicholas George Martello	Ashtabula
Leslie Diane Martin	East Rockaway, N. Y.
Guy Frank Mascio	Garfield Heights
Diana Durr Mason	Springfield
Ida Joyce Mayberry	Dayton
Lynne Elizabeth McBee	Columbus
Bonnie Jean McCray	Columbus
Janie Passan Meckler	Shaker Heights
Richard Wesley Meier	Columbus
Sandra Lynn Miller (cum laude)	Oak Park, Ill.
Carolyn Ruth Mills	South Euclid
Donald Robert Moore	Norwood
Paul Alan Moore	Fostoria
Jeffry David Morgenstern	University Heights
Mary Lou Morris	Hilliard
Sandra Lynn Mosher	Columbus
Joseph Michael Motil	Cambridge
Rachel Adele Nachman (cum laude)	Columbus
Ruth Ann Neer	South Vienna
Richard Dennis Nemeth	Cleveland Heights
Elizabeth Leona Oberlin	Dalton

* Two degrees

Betsey Lawrence O'Brien.....	Columbus
Mary Yoakam Ogi.....	Mt. Vernon
Mark James Owens.....	Delta
Betty Schwartz Palestrant, B.Sc. in Bus.Adm.....	Columbus
Debora Susan Palmer.....	Farmington, Mich.
Evelyn Colebank Pearcy.....	Moatsville, W. Va.
Rebecca Jane Perkins.....	Middletown
Ronald James Perkins.....	Mt. Gilead
Terrance Lynn Peters.....	Valley City
James Scribner Pillsbury.....	Columbus
Norman Ray Poole.....	Pataskala
Ella Mae Pope.....	Cleveland
Jacqueline Kay Pope.....	Washington C. H.
Ronald Michael Prange.....	Columbus
Emma Varchmin Pritchard.....	Mansfield
Judith Ann Ramseyer (cum laude).....	Smithville
Linda McCann Reyna.....	Columbus
Sevilla Jane Graham Ricer.....	Armstrongs Mills
John Brodie Ritchie, Jr.....	Westlake
Marguerite Marian Robbins.....	Worthington
Madolyn Elizabeth Rodgers.....	Cleveland
Roberta Lee Roffee.....	Lima
Linda Nell Russ.....	Columbus
Paul Anthony Russo.....	University Heights
Janice Lee Rutter.....	Lima
Edith Ann Salmons.....	Prospect
Jane Rossborough Scholtz.....	North Royalton
Nancy Jane Schudel.....	Defiance
Susanne Mellor Schupbach.....	Uhrichsville
Roxana Moore Schupp.....	Gahanna
Gary Lee Schwam.....	Crestline
Pamela Edithe Seidel.....	Grove City
James Robert Sharp.....	Hamilton
Barbara Teale Shauck.....	Mansfield
Jacqueline Ann Shroats.....	Marion
Jane Schwabero Shults.....	New Knoxville
David Lee Sidmore.....	Painesville
Susan Elaine Silver.....	Kenmore, N. Y.
Louis Eugene Simpson, B.Sc.....	Mansfield
Scott Hunter Siville.....	Columbus
Jeffrey Harold Slauson.....	Marion
Carolynn Farkas Smith.....	Columbus
Clifford Edmond Smith II.....	Columbus
Douglas Craig Smith, B.Sc. in Bus.Adm.....	Lakewood
Gregory Gordon Spears.....	Springfield
Kathleen Benson Stander.....	Mansfield
Teresa Lee Stinson.....	Columbus
Patricia Kaye Stokes.....	Cleveland
Carol Noffsinger Studebaker.....	Trotwood
Joseph Edward Sulick.....	Columbus
Abra Stephanie Tannen.....	Elmont, N. Y.
Rosemary Lyons Targee.....	Kingston
Ahferom Tesfai.....	Addis Ababa, Ethiopia
Linda Cole Thompson.....	Bellefontaine
Donald Lee Trautner.....	Westerville
Gail Splaver Tuber, B.A.....	Arcadia, Calif.

Alexander MacCaul Turner.....	Sylvania
Carole Anne Vonderheid, B.S.J. (Ohio University).....	Dayton
Ellen Gail Wallman.....	New York, N. Y.
Joyce Brugler Ward.....	Trotwood
Sharon Mardel Wasserman.....	Beachwood
Sarah Sue Welch.....	Worthington
John Gardner Whitcomb.....	Grove City
Joyce Swartz Wildermuth.....	Wapakoneta
James Evan Williams.....	Branch Hill
Elaine LeCrone Williamson.....	Columbus
Gerald Howard Wilson.....	Manistique, Mich.
Laurel Cage Wittstock.....	Cleveland
Mary Boggs Wolfe.....	Plain City
William Robert Wolfe.....	Canal Winchester
Katharine Doudna Woodward.....	Barnesville
Martha Elizabeth Wyker.....	Columbus
Fay Kimie Yamashita.....	Honolulu, Hawaii
Constance Marie Zizunas.....	Cleveland

(Two hundred and thirty-six candidates)

Bachelor of Fine Arts

Kathleen Adele Bufler.....	Hamilton
Sue Lynn Carroll (summa cum laude).....	Worthington
Sandra Myers Chamberlin.....	Pittsburgh, Pa.
Kristina Kennedy Daniels.....	Cincinnati
Georgeanne Catherine Diedalis.....	Columbus
Marjorie Trager Kahn.....	Cincinnati
Maris Janis Liepins.....	Cleveland
John Allen Magee.....	Dayton
Carol Ann Meyer (summa cum laude).....	Columbus
Diane Alee Northrop.....	Columbus
Joseph Ronald Ohm.....	Cuyahoga Falls
Paul Stanley Poplis.....	Springfield
Maria Louise Preonas.....	Dayton
Edwin Thornton Tomlinson.....	Columbus

(Fourteen candidates)

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering

Rodney Charles Byler.....Wooster
(One candidate)

Bachelor of Agricultural Engineering

George David Gingery.....Wooster
Harold Marion Keener (cum laude).....Ashland
(Two candidates)

Bachelor of Ceramic Engineering

*Charles Everett Chaille (cum laude).....Columbus
John Allen Cihon.....New Philadelphia
(Two candidates)

Bachelor of Chemical Engineering

William Robert Herzog.....Lima
Parviz Jian-Zibae.....Tehran, Iran
(Two candidates)

Bachelor of Civil Engineering

Charles Edward Bynner.....Plain City
Bruce Alan Cottom.....New Hartford, N. Y.
James Flynn Neuenschwander.....Lima
Maxwell Ezigbo Nwosu.....Aba, Nigeria
Richard Martin Sanderson.....Columbus
David John Von Hagen.....Hamilton
(Six candidates)

Bachelor of Electrical Engineering

Philip Rick Armbruster.....Bryan
Tsu-Ling Chang.....Taipei, Taiwan, China
David Earl Cressman (cum laude).....Carey
David Alson George.....Lorain
Dennis Leslie Quick.....Findlay
Gerald Donald Ridenour.....Columbus
Sandra Ann Santeler.....Columbus
George Naseeb Shaheen.....Canton
Thomas Douglas Wright.....Bellefontaine
(Nine candidates)

Bachelor of Industrial Engineering

William Bradford Carpenter.....Lima
James Frederick Gandee.....Toledo

* Two degrees

Lynn Ernest Heuerman.....	Swanton
Thomas William Hutchings.....	Columbus
Nick Alan Kaluger.....	Shadyside
Robert Henry Lester.....	Chagrin Falls
Michael Eugene O'Kelley.....	Delaware
Samuel McKinley Smith.....	Galion
Salahattin Yildiz.....	Canakkale, Turkey
John Kister Zell.....	Kettering

(Ten candidates)

Bachelor of Mechanical Engineering

Ronald James Cook.....	Sandusky
William Malcolm Graham.....	Lakewood
Kenneth Morgan Jones.....	Akron
Donald Albert Kadunc.....	Euclid
Michael Thomas O'Brien.....	Columbus
David Jeffrey Russell.....	Xenia
Raymond Arthur Sarakaitis.....	Lima
Terry Vincent Sherburn.....	Columbus
Gregory Blaine Stoltz.....	Dayton
Thomas Neil Taylor (cum laude).....	Columbus
William Hunt Thomson.....	Munroe Falls

(Eleven candidates)

Bachelor of Metallurgical Engineering

*Russell Lee Wenk.....	Akron
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(One candidate)

Bachelor of Welding Engineering

*Robert Paul Oates.....	Youngstown
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(One candidate)

Bachelor of Science in Physics

James Richard Ashton.....	Lima
Robert Michael Conaway.....	Columbus

(Two candidates)

School of Architecture

Bachelor of Architecture

John Walter Payne.....	Columbus
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(One candidate)

Bachelor of Landscape Architecture

Gerald Gordon Greig.....	Hamilton
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(One candidate)

* Two degrees

College of Law

Dean: Ivan C. Rutledge

Juris Doctor

John Raymond Beal, B.A. (Bowling Green State University) . . . Mansfield
Charles Sherman Bloom, A.B. (Ohio University) (summa cum laude)

Amherst
Leland Dean Cole, B.A. (University of Kansas) Great Bend, Kans.
Daniel Donovan Connor, B.Sc. in Bus. Adm. Columbus
Giles Jackson Davis, Jr., B.S. (Bowling Green State University) . . Tipp City
Harold Hunter Davis, B.S. (Marietta College) Shelby
James David Davis, B.A. (Muskingum College) (summa cum laude)

Cleveland
Richard Sterling Donahey, Jr., B.C.E. Logan
Stuart F. Dritz, B.A. Euclid
William Ervin Dunlap, Jr., A.B. (Wittenberg University) . . East Liverpool
Charles Blaine Fielding, B.A. Cleveland
Gary Frederic Frye, B.A. Fredericktown
Paul Joseph Gerig, B.S. in Edu. (Ohio University) Smithville
William Joseph Hamann, B.A. Canton
Richard Hale Hammond, B.A. Dayton
James Michael Herr, A.B. (University of Notre Dame) (summa cum laude)

Middletown
Jerome John Joondeph, B.A. (Kent State University) (cum laude)

Ramsey, N. J.
Edward George Kemp, A.B. (Miami University) Glen Ridge, N. J.
William Joseph Kysela, A.B. (University of Dayton) Cleveland
Thomas Markworth, B.S. (Rensselaer Polytechnic Institute) . Fairview Park
Velta Anita Melnbrensis, B.A. (summa cum laude) Columbus
Gerald Leon Mills, B.S. in Bus. (Miami University) (summa cum laude)

Toledo
Raymond Joseph Posgay, B.Sc. in Agr. Columbus
Harry Marcus Price III, B.A. (Central Missouri State College)

Leavenworth, Kans.
Thomas Dudley Shackleford, A.B. (Miami University) Oak Hill
Douglas Keith Somerlot, B.A. (Bowling Green State University) . . Marion
Peter Robin Tolley, B.A. Cincinnati
Christopher Edward Veidt, A.B. (Ohio University) (cum laude) . . Lancaster

(Twenty-eight candidates)

College of Medicine

Dean: Richard L. Meiling

School of Allied Medical Services

Bachelor of Science in Medical Technology

Karen Phillips Barr.....	Columbus
Lowelle King Bookman.....	Cincinnati
Mary House Cumming.....	Jeromesville
Rita MacFarlan Hartzell.....	Canton
Ann Common Lighthiser.....	Dayton
Marjorie Irene Stuber.....	Amherst
Susan Mazur Wiseman.....	Port Clinton

(Seven candidates)

Bachelor of Science in Occupational Therapy

Shereen Debra Handler.....	Cleveland Heights
Kathleen Ann Luke.....	Akron
Sandra Priscilla Meeks.....	Canton
Carol Ann Mitchell.....	Lebanon
Martha Sandmann.....	Lakewood

(Five candidates)

Certificate of Nurse Anesthetist

Yolanda Marie Yourell.....	Dubuque, Ia.
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(One candidate)

School of Nursing

Bachelor of Science in Nursing

Vivian Lorraine Bougher.....	New Orleans, La.
Eleanor Louise Brown.....	Newark
Janet Ann Fenton.....	Dayton
Bonnie Rhoades Garvin.....	Piqua
LaVonne Huther Hall.....	Canton
Diane Marie Mihalko.....	Cleveland Heights
Lois Ruth Oesterle.....	Fremont
Sally Ann Sayers.....	Oberlin
Shirley Jean Segelhorst.....	Houston, Tex.
Bernardine Frances Tomsic.....	Lorain
Barbara Diann Turney.....	Westlake
Ellen Marie Wittekind.....	Grove City

(Twelve candidates)

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

Barbara Ann Beighey.....	Gahanna
Joseph Anthony Cusma.....	North Canton
James Paul Wagner.....	Medina

(Three candidates)

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-SEVENTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 8, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, February 8, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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February 8, 1968 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change of the Name of the School of Allied Medical Services to the School of Allied Medical Professions

The Council on Academic Affairs on December 12, 1967, endorsed the proposal of the Faculty of the School of Allied Medical Services that the name of the said School be changed to the School of Allied Medical Professions. The reasons for the proposed change include:

1. The United States Congress enacted legislation known as the "Allied Health Professions Personnel Training Act of 1966." It is, therefore, advantageous that the name of the School in the College of Medicine of this University be modified to recognize the nature of the programs presently located therein. The academic programs offered by the said School include: Medical Dietetics, Medical Illustration, Occupational Therapy, Medical Technology, Physical Therapy, Nurse Anesthesiology, and Orthoptic Technology.
2. Further, it is believed that the proposed change in name will enhance the School and its activities both on The Ohio State University campus and nationally. The said School is a charter member of the recently established "Association of Allied Health Professions."

President Fawcett recommended therefore that the Board of Trustees approve the change in the name of the School of Allied Medical Services to the School of Allied Medical Professions, effective immediately.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the above recommendation was approved by unanimous voice vote.

B. Establishment of the School of Natural Resources

The Faculty Council on December 12, 1967, approved the recommendation from the Council on Academic Affairs that a School of Natural Resources be established in the College of Agriculture and Home Economics.

The conservation of natural resources has emerged in present years as an area of widespread human concern, of academic learning, and of professional employment. As a result, there is a national trend to emphasize natural resources in the mission of colleges and universities. Professional employment in this area in the public sector alone is now over 50,000

February 8, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the School of Natural Resources (continued)

persons as contrasted with just a few thousand several decades ago. Demand for professional personnel in all areas of resource management remains strong as a result of new programs developed in response to public demand for better management of air, soil, water, wildlife, and aesthetic resources.

The College of Agriculture and Home Economics sets forth the following assumptions for the formulation of a School of Natural Resources:

1. There is an interdisciplinary professional area of natural resources management.
2. The University wishes to provide a program in natural resources management which is both operationally viable and professionally visible. This will require phasing out the Natural Resources Institute in favor of a regular academic administrative unit.
3. A School of Natural Resources, established to provide a professionally oriented program, would be responsible for coordinating faculty members in various disciplines and from a variety of colleges in the operation of its programs and would initially contain a minimal number of staff members of its own. At the present time, individuals with an interest in this area are found in such disciplines as agronomy, biology, civil engineering, geography, and economics, as well as in such professional areas as education and agriculture.
4. A School of Natural Resources would establish an all-University coordinating committee representative of the disciplinary groups interested in natural resources management.
5. A logical point to begin programs in natural resources management would appear to be at the master's level in addition to the provision for appropriate undergraduate courses.

A School of Natural Resources established within the framework of these assumptions will initially serve as an administrative unit to bring together the various groups interested in the formulation of programs of instruction, research, and extension in natural resources.

February 8, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of the School of Natural Resources (continued)

President Fawcett recommended therefore that the proposal of the Faculty Council to establish a School of Natural Resources, effective July 1, 1968, be approved and that the Natural Resources Institute be dissolved subject to the approval of the Faculty Council at its next regular meeting.

Upon motion of Mr. France, seconded by Mr. Safford, the above recommendation was approved by unanimous voice vote.

C. Administrative Identification of "School" of Education Be Discontinued

Pursuant to the adoption of the academic reorganization, the School of Music, the School of Art, and the Department of Psychology were transferred from the College of Education, leaving the School of Education as the only administrative unit within the College.

To avoid the continuance of two co-terminus administrative agencies within the College of Education, the Faculty Council on December 12, 1967, approved the proposal from the Council on Academic Affairs that the School of Education as an administrative unit be discontinued.

President Fawcett recommended therefore that the action of the Faculty Council to discontinue the School of Education as a separate administrative unit within the College of Education, effective January 1, 1968, be ratified.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. College of Biological Sciences Becomes a Single Academic Unit

The Faculty Council on December 12, 1967, approved the recommendation from the Council on Academic Affairs that, effective January 1, 1968, the College of Biological Sciences be created as a single academic unit. By this action, the separate academic Departments of Biochemistry, Botany, Microbiology, Zoology and Entomology, and the Division of Biophysics were discontinued.

A new plan of organization for the College of Biological Sciences established basic units identified as academic faculties for instruction, research, and extension in the following defined fields of learning: Biochemistry and Molecular Biology, Biophysics, Genetics, Microbial and Cellular Biology, Organismic and Developmental Biology, Population and Environmental Biology, and Entomology.

President Fawcett recommended therefore that the action of the Faculty Council discontinuing the above-named departments and division be ratified.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation was approved by unanimous voice vote.

February 8, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Building and Streets

President Fawcett recommended that:

The building which houses the Ohio Tuberculosis medical services, 466 West 10th Avenue, be named "William J. Means Hall" in memory of Dr. William J. Means, first Dean of the College of Medicine of The Ohio State University and first Chairman of the Department of Surgery. This proposal was made by Dr. Richard L. Meiling, Dean, College of Medicine, on behalf of the College of Medicine.

The access drive from Mumaugh Road to John E. Galvin Hall on the Lima Branch Campus be officially named "Campus Drive" (its current identification), as proposed by the Advisory Board for the Lima Branch.

The street leading from John E. Galvin Hall to the new Phase II building on the Lima Branch Campus be named "Progress Road." This proposal also was made by the Advisory Board of the Lima Branch.

The access drive leading from Country Club Drive into the Newark Branch Campus be named "University Drive," as proposed by the Advisory Board for the Newark Branch.

The main street on the University College site, which street will connect Kenny Road with Lane Avenue by a circuitous route through the site, be named "Carmack Road" in memory of Associate Professor Paul A. Carmack, Department of Speech, who died December 27, 1963. Professor Carmack, a leader in his field, was among the first faculty members to travel to the University's branch campuses to conduct classes. This proposal was made by Dean Richard H. Zimmerman, University College.

These proposals have the concurrence of the President's Cabinet and are in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendations by unanimous voice vote.

F. Insurance Program for Faculty and Staff - Amendment to Contract No. GTC-58175, The Ohio State University Major Medical Contract

President Fawcett recommended that the following resolution be adopted:

BE IT RESOLVED by the Board of Trustees of The Ohio State University that the following amendment to the University's Group Major Medical Insurance Contract No. GTC-58175 be enacted and made effective, January 1, 1968:

February 8, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Insurance Program for Faculty and Staff - Amendment to Contract No. GTC-58175, The Ohio State University Major Medical Contract (continued)

Section A(1), Amendment #13, shall be further amended so that the definition of "Medicare" presented therein shall also include the hospital insurance coverage provided under the Public Employees Retirement System and the State Teachers Retirement System for retirants and their eligible spouses, widows, or widowers who have attained the age of 65 years and who are not eligible to receive hospital insurance benefits under the Federal Old Age, Survivors and Disability Insurance Program. All other provisions of Amendment #13, as they provide for the integration of "Medicare" benefits with the major medical insurance coverage under Contract No. GTC-58175, will remain unchanged.

Upon motion of Mr. Safford, seconded by Mr. France, the above resolution was adopted by unanimous voice vote.

G. Establishment of the "Everett D. Reese Chair of Banking and Monetary Economics"

President Fawcett expressed a deep sense of gratitude and delectation in recommending the establishment of the Everett D. Reese Chair of Banking and Monetary Economics. In January, 1965, through the generosity of a gift from Mr. Reese, a Professorship of Banking and Economics was established and has been filled by the distinguished scholar, Dr. Karl Brunner. Mr. Reese has now contributed through the Development Fund the amount of \$240,000.00 and pledged the additional funds to increase the endowment to the level of \$500,000.00 in order that the "Chair of Banking and Monetary Economics" might be activated by January, 1970.

This endowed Chair is established pursuant to the conditions as approved by the Board of Trustees on January 14, 1965. Mr. Reese received The Ohio State University Distinguished Service Award in 1964, and he is an Ohio State graduate and former faculty member. As an illustrious alumnus, he has given unusual and dedicated service to the University in many capacities including the past chairmanship of The Ohio State University Development Fund Board of Directors; and he is the current chairman of the executive committee of the Presidents Club, an honor organization of the Development Fund contributors.

Upon motion of Mr. Jones, seconded by Dr. Thomas, the Board of Trustees by unanimous voice vote approved with gratitude and delight the recommendation to establish the Everett D. Reese Chair of Banking and Monetary Economics.

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February 8, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the December 14, 1967 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Appointment, Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Promotions

O. Lee Rigsby promoted from Professor in and Director of the School of Music to Dean of the College of the Arts, effective January 1, 1968, at a salary of \$24,768.00 per annum. Dr. Rigsby will continue to hold the academic rank of Professor in the School of Music at No Salary.

Charles L. Babcock promoted from Professor in and Chairman of the Department of Classics to Dean of the College of Humanities, effective January 15, 1968, at a salary of \$25,168.00 per annum. Dr. Babcock will continue to hold the academic rank of Professor in the Department of Classics at No Salary.

B. Appointment

Jerry Jack Halterman, Professor, Department of Agricultural Education, effective April 1, 1968, at a salary of \$18,468.00 per annum.

C. Change in Administrative Responsibility

Clinton V. Oster changed from Controller in the Office of Business and Finance to Associate Dean of the College of Administrative Science, effective February 1, 1968, at a salary of \$24,072.00 per annum. Dr. Oster will continue to hold the academic rank of Professor in the Department of Economics at No Salary.

D. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Anita McCormick, Associate Professor (Assistant State Leader, Home Economics), effective January 16, 1968 through May 31, 1968, to participate in a program of professional improvement at North Carolina State University.

Calvin D. Knight, Instructor (County Extension Agent, Agriculture) Ashland County, effective January 1, 1968 through March 15, 1968, to participate in a program of professional improvement at The Ohio State University.

February 8, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary

Carl E. Nielsen, Professor, Department of Physics, effective January 1, 1968 through March 31, 1968, to do research at the U. S. Atomic Energy Commission, Oak Ridge, Tennessee.

Gerald A. Messerman, Associate Professor, College of Law, effective January 1, 1968 through June 30, 1968, for personal reasons.

Peter S. Barth, Assistant Professor, Department of Economics, effective January 1, 1968 through June 30, 1968, to accept the position of Visiting Professor at the University of Chicago.

Nancy K. Clatworthy, Assistant Professor, Department of Sociology, effective January 1, 1968 through March 31, 1968, to fulfill speaking engagements in Latin America.

Derry D. Koob, Assistant Professor, College of Biological Sciences, effective January 1, 1968 through March 31, 1968, to devote full time to research and writing a textbook.

Philip D. Stewart, Assistant Professor, Department of Political Science, effective April 1, 1968 through June 30, 1968, to accept a Fulbright Grant in Germany.

JoAnn Davis, Instructor, University Libraries, effective February 1, 1968 through May 31, 1968, to serve as librarian aboard S. S. Ryndam of Chapman College.

F. Emeritus Title

Alden R. Winter, Department of Poultry Science, with the title Professor Emeritus, effective January 1, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the Promotions, Appointment, Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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February 8, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Histochemistry and Cytology of Hemopoiesis (to be known as National Institutes of Health Project No. 893-I - Ext. #9 - Department of Anatomy).
Gross Value - \$32,762.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, The Biochemical Role of the Essential Fatty Acids (to be known as National Institutes of Health Project No. 1218-G - Ext. #7 - Institute of Nutrition and Food Technology).
Gross Value - \$25,309.00.
- a3. Department of Navy, Office of Naval Research, Washington, D. C., Infrared Spectra and Structure of Polyatomic Molecules (to be known as Office of Naval Research Project No. 1379 - Amend. #1 - Department of Physics).
Gross Value - \$10,800.00.
- a4. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Lipoproteins and Cellular Organization (to be known as National Institutes of Health Project No. 1404-F - Ext. #6 - Department of Physiological Chemistry).
Gross Value - \$33,736.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Enzyme Characterization in Hemolytic Anemias (to be known as National Institutes of Health Project No. 1634-D - Ext. #4 - Department of Physiological Chemistry).
Gross Value - \$28,084.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, Bureau of Health Manpower, Arlington, Virginia, The Nurse-Monitor in a Patient Care System (to be known as Bureau of Health Manpower Project No. 1651-D - Sup. #1 - Department of Business Organization).
Gross Value - \$27,140.00.

February 8, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a7. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Blood PO₂ Artery QO₂ Relationships in Atherosclerosis (to be known as National Institutes of Health Project No. 1800-D - Ext. #4 - Department of Physiology).
Gross Value - \$11,760.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Quinones Related to 9, 10-Dimethyl-1, 2-Benzanthracene (to be known as National Institutes of Health Project No. 1809-C - Ext. #3 - Department of Chemistry).
Gross Value - \$19,884.00.
- a9. U. S. Atomic Energy Commission, Chicago Operations Office, Chicago, Illinois, An Investigation of Mixed Conduction in Solid Electrolytes (to be known as U. S. Atomic Energy Commission Project No. 1958-A - Mod. #3 - Department of Metallurgical Engineering).
Gross Value - \$31,446.00.
- a10. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Human Temporal Bone Pathology (to be known as National Institutes of Health Project No. 2060-B - Rev. Award - Department of Otolaryngology).
Gross Value - \$3,766.00.
- a11. Department of Interior, Federal Water Pollution Control, Washington, D. C., Concentration of Chemicals by Floc Forming Organisms (to be known as Federal Water Pollution Control Project No. 2088-B - Ext. #2 - Department of Microbiology).
Gross Value - \$24,657.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Effect of Hyperoxia on Normal and Neoplastic Cells (to be known as National Institutes of Health Project No. 2094-C - Ext. #3 - Department of Medicine).
Gross Value - \$27,928.00.
- a13. National Science Foundation, Washington, D. C., Schiff Bases: Their Metal Complexes and Role in Non-Enzymatic Transamination (to be known as National Science Foundation Project No. 2145 - Amend. #1 - Department of Chemistry).
Gross Value - \$36,200.00.

February 8, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a14. Department of State, Agency for International Development, Washington, D. C. , Technical Assistance in the Development for Human Resources in Ecuador (to be known as Department of State Project No. 2158 - Amend. #9 - Department of Economics).
Gross Value - \$20,000.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Role of Enzyme Interactions in Metabolic Regulation (to be known as National Institutes of Health Project No. 2279-A - Edition #1 - Department of Biochemistry).
Gross Value - \$34,635.00.
- a16. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as National Institutes of Health Project No. 2308-A - Ext. #1 - Department of Physiology).
Gross Value - \$27,619.00.
- a17. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures on Antigenicity of Mycoplasma Pneumoniae (to be known as National Institutes of Health Project No. 2356 - Sup. #1 - Department of Medical Microbiology).
Gross Value - \$75,347.00.
- a18. Department of Navy, Office of Naval Research, Washington, D. C. , Nonsimilar Solutions of Binary Boundary Layers (to be known as Office of Naval Research Project No. 2362 - Amend. AA - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$29,700.00.
- a19. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Drug Organism Interactions (to be known as National Institutes of Health Project No. 2370-A - Ext. #1 - Department of Physiological Chemistry).
Gross Value - \$11,042.00.
- a20. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Determination of Protein Aggregation Equilibria (to be known as National Institutes of Health Project No. 2379-A - Ext. #1 - Department of Chemistry).
Gross Value - \$14,684.00.

February 8, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a21. Systems Engineering Group, Research and Technology Division, Wright-Patterson Air Force Base, Ohio, Classified Project (to be known as Classified Project No. 2382 - C. O. #1 - Department of Electrical Engineering and ElectroScience Laboratory).
Gross Value - \$85,000.00.
- a22. U. S. Army Research Office, Durham, North Carolina, Luminescent Material Preparation and Spectroscopy (to be known as U. S. Army Research Office Project No. 2419 - Mod. #1 - Department of Electrical Engineering).
Gross Value - \$24,819.00.
- a23. Department of Army, Army Research Office, Durham, North Carolina, Optical Masers (to be known as Army Research Office Project No. 2424 - Sup. #1 - Department of Physics).
Gross Value - \$56,066.00.
- a24. U. S. Army Research Office, Durham, North Carolina, Investigation of Boundary Layer Control on Airfoils at and Above the Critical Mach Number (to be known as U. S. Army Research Office Project No. 2426 - Mod. #1 - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$39,336.00.
- a25. Department of Air Force, Air Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Survey of Technology in Communications Through the Plasma Sheath (to be known as Department of Air Force Project No. 2438 - C. O. #1 - Department of Electrical Engineering).
Gross Value - \$40,000.00.
- a26. Department of Air Force, Air Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Technical Support for X-band Satellite Communications Array (to be known as Department of Air Force Project No. 2438 - C. O. #2 - Department of Electrical Engineering).
Gross Value - \$5,000.00.
- a27. National Science Foundation, Washington, D. C., Combinatorial Problems of Statistical Designs of Experiments (to be known as National Science Foundation Project No. 2548 - New - Department of Mathematics).
Gross Value - \$26,700.00.

February 8, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a28. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Ketone Body Synthesis in the Chicken (to be known as National Institutes of Health Project No. 2555 - New - Institute for Nutrition and Food Technology).
Gross Value - \$9,883.00.
- a29. Office of Naval Research, Washington, D. C., An Objective Prism Search for Early Type Stars Near the South Galactic Pole (to be known as Office of Naval Research Project No. 2565 - New - Department of Astronomy).
Gross Value - \$7,658.00.
- a30. Systems Engineering Group, Wright-Patterson Air Force Base, Ohio, Histological Research on the Central Nervous System and Inner Ear (to be known as Systems Engineering Group Project No. 2566 - New - Department of Otolaryngology).
Gross Value - \$14,500.00.
- a31. Air Force Office of Scientific Research, Arlington, Virginia, Response of a Large System to Time-Dependent Fields of Arbitrary Strength (to be known as Air Force Office of Scientific Research Project No. 2567 - New - Department of Physics).
Gross Value - \$22,595.00.
- a32. U. S. Department of Agriculture, Forest Service, North Central Forest Experiment Station, St. Paul, Minnesota, Investigation of Changes in the Vegetative Terminal Meristems of Pinus banksiana (to be known as U. S. Department of Agriculture, Forest Service, Project No. 2568 - New - Department of Botany).
Gross Value - \$3,400.00.
- a33. U. S. Army Research Office, Durham, North Carolina, The Charge Mechanisms in Ferroelectrics (to be known as U. S. Army Research Office Project No. 2569 - New - Department of Mechanical Engineering).
Gross Value - \$10,000.00.
- a34. National Science Foundation, Washington, D. C., Algebra, Arithmetic, and Discrete Geometry (to be known as National Science Foundation Project No. 2571 - New - Department of Mathematics).
Gross Value - \$58,900.00.

February 8, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a35. National Science Foundation, Washington, D. C., Liquid He³-He⁴ Mixtures at Low Temperatures (to be known as National Science Foundation Project No. 2572 - New - Department of Physics).
Gross Value - \$81,900.00.
- a36. U. S. Department of Agriculture, Agricultural Research Service, Northern Utilization Research and Development Division, Peoria, Illinois, Novel Transformations of Starch Products Leading to Deoxygenated and Carbon-Substituted Derivatives (to be known as Agricultural Research Service, Northern Utilization Research and Development Division Project No. 2573 - New - Department of Chemistry).
Gross Value - \$189,662.00.
- a37. National Science Foundation, Washington, D. C., Doctoral Dissertation Research in Geography (to be known as National Science Foundation Project No. 2575 - New - Department of Geography).
Gross Value - \$2,400.00.
- a38. Navy Purchasing Office, Brooklyn, New York, Study to Relate Yield Strength With Metallographic Structure of HY 130/150 KPSI (5% Ni) (to be known as Navy Purchasing Office Project No. 2576 - New - Department of Welding Engineering).
Gross Value - \$7,500.00.
- a39. National Science Foundation, Washington, D. C., Infrared Spectrophotometry of Late Type Stars (to be known as National Science Foundation Project No. 2577 - New - Department of Astronomy).
Gross Value - \$11,600.00.
- a40. National Science Foundation, Washington, D. C., Refining and Expanding a Simulation of Relation Among Nations (to be known as National Science Foundation Project No. 2579 - New - Department of Political Science).
Gross Value - \$33,200.00.

TOTAL - Government Contracts - Federal \$1,256,618.00

2. Industrial and Other Contracts

- a1. Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as Regents of the University of Wisconsin Project No. 1395 - Check No. C460686 - Department of Surgery).
Gross Value - \$1,164.00.

February 8, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a2. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Joining of Uranium and Refractory Materials for Nuclear Manufacturing (to be known as Union Carbide Corporation Project No. 2199 - Amend. #4 - Department of Welding Engineering).
Gross Value - \$50,565.00.
- a3. Central Midwestern Regional Educational Laboratory, St. Ann, Missouri, Aesthetic Education Project (to be known as Central Midwestern Regional Educational Laboratory Project No. 2420 - Amend. #3 - School of Art).
Gross Value - \$28,863.00.
- a4. Heart Association of Eastern Ohio, Youngstown, Ohio, and Northwestern Ohio Heart Association, Toledo, Ohio, Pathology of Spontaneous and Experimental Canine Cardiac Hypertrophy and Congestive Heart Failure (to be known as Heart Association of Eastern Ohio, Youngstown, Ohio, and Northwestern Ohio Heart Association, Toledo, Ohio, Project No. 2570 - New - Department of Veterinary Pathology).
Gross Value - \$6,500.00.
- a5. The Deafness Research Foundation, New York, New York, Acquired Cholesteatoms (to be known as The Deafness Research Foundation Project No. 2580 - New - Department of Otolaryngology).
Gross Value - \$8,566.00.
- a6. Life Insurance Medical Research Fund, Rosemont, Pennsylvania, Studies of the Alteration and Restoration of the Immune Response (to be known as Life Insurance Medical Research Fund Project No. 2581 - New - Department of Anatomy).
Gross Value - \$22,000.00.

TOTAL - Industrial and Other Contracts \$117,658.00

The foregoing forty-six contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,374,276.00.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous roll call vote.

B. The Report of the Research Contracts from the Engineering Experiment Station

During the period from November 28, 1967 through January 19, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record:

February 8, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts from the Engineering Experiment Station

1. Government Research Contracts

EES 248X Fundamentals of Soil Compaction, Ohio Department of
Highways, Columbus, Ohio.
Gross Value - \$3,210.00.

EES 308X Reflectance Characteristics of Pavement Surfaces, Ohio
Department of Highways, Columbus, Ohio.
Gross Value - \$16,020.00.

TOTAL - Government Research Contracts \$19,230.00

2. Industrial Research Contracts

EES 307X Experimental Determination of Combustibility, American
Iron and Steel Institute, New York, New York.
Gross Value - \$8,280.00.

SC 72 OCD Architects and Engineers Professional Development
Courses, Spring 1968, National Society of Professional
Engineers, Washington, D. C.
Gross Value - \$9,654.00.

TOTAL - Industrial Research Contracts \$17,934.00

The foregoing four contracts for research in the Engineering Experiment
Station represent a gross income of \$37,164.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since
December 14, 1967, and were reported for the record. Appropriate expressions
of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$241,700.00 granted by National Science Foundation, Washington, D. C.
20550, to the University for an "Academic Year Institute for Secondary
School Teachers," under the direction of the College of Education. This
grant terminates on September 30, 1969. (GW-2315)
2. \$96,230.00 granted by National Science Foundation, Washington, D. C.
20550, to the University for a "Summer Institute in Mathematics for
Secondary School Teachers," under the direction of the Department of
Mathematics. This grant terminates on September 30, 1968. (GW-2463)

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

3. \$54,120.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Summer Institute in the History of Biology for College Teachers," under the direction of the Department of Botany. This grant terminates on September 30, 1968. (GY-4033)
4. \$52,700.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Summer Institute in Science for Secondary School Teachers," under the direction of the College of Education. This grant terminates on September 30, 1968. (GW-2472)
5. \$47,350.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Summer Institute in Geology and the Nature of Science for Secondary School Teachers," under the direction of the Department of Geology. This grant terminates on September 30, 1968. (GW-2451)
6. \$34,424.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Management Training Program for Educational Research Leaders," under the direction of the College of Education, for the period October 1, 1967 through March 31, 1969. (Grant No. OEG-0-8-000167-1923 010)
7. \$27,354.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period April 1, 1967 through June 30, 1968. (Grant No. 3 G02 RM-00022-01S1)
8. \$17,542.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Development Award - Research Career Program entitled "Sarcoid Etiology Effect of SM on OX-DNA Replication," under the direction of the Department of Medical Microbiology, for the period January 1, 1968 through December 31, 1968. (Grant No. 1 K03 AI05714-01)
9. \$15,975.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for a "Secondary Science Training Program," under the direction of the College of Engineering. This grant terminates on September 30, 1968. (GW-2963)
10. \$8,050.00 granted by Alfred P. Sloan Foundation, 630 Fifth Avenue, New York, New York 10020, to the University for support of fundamental research in the Department of Chemistry.

TOTAL - Received Through the Office of Business and Finance \$595,445.00

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund

1. \$240,000.00 in securities (8,000 shares of Suburban Motor Freight, Inc.) from Everett D. Reese for the establishment of a Chair in his name.
2. \$150,000.00 from "The Andersons" (Donald E. Anderson, Harold Anderson, John D. Anderson, Richard P. Anderson, Robert J. Anderson, Thomas H. Anderson, and Paul M. Kraus), Maumee, Ohio, to be added to The Andersons Agricultural Research Fund.
3. \$75,000.00 through a bequest from Arno C. Fieldner for the establishment of The Arno C. Fieldner Research Fellowship in Chemical Engineering.

The Arno C. Fieldner Research Fellowship
in Chemical Engineering

The Arno C. Fieldner Research Fellowship in Chemical Engineering was established February 8, 1968, by the Board of Trustees of The Ohio State University, with a bequest from the late Arno C. Fieldner, B.Sc.Ch.E. '06, C.E. '23, D.Sc. (Honorary) '44, formerly of Washington, D. C., through The Ohio State University Development Fund.

This bequest is to be placed in the University's investment portfolio under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The income therefrom is to be used to establish and maintain a research fellowship, with appointment to the fellowship to be made by the Chairman of the Department of Chemical Engineering.

In case the need for the fellowship herein described should cease to exist or so diminish as to create unused income, then the Board of Trustees of said University may use said income in its discretion, preference to be given to items in the field of chemical engineering.

4. \$25,000.00 from E. I. duPont de Nemours & Company, Wilmington, Delaware, for the Departments of Chemistry (\$15,000.00), Chemical Engineering (\$5,000.00), and Metallurgy (\$5,000.00).
5. \$20,450.00 from General Motors Corporation, Detroit, Michigan--\$17,450.00 for the General Motors Corporation Scholarship Fund and \$3,000.00 for the Department of Metallurgical Engineering Fund.
6. \$17,900.80 from William H. Havener, M. D. --\$14,713.80 for the Ophthalmologic Center Fund and \$3,187.00 for the Ophthalmology Teaching Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

7. \$15,126.00 from Robert L. Ireland III for the R. L. Ireland III and Jacqueline Ireland Fund.
8. \$14,000.00 from Battelle Memorial Institute--\$10,000.00 (In the name of Edward E. Slowter) for the Presidents Club Special Fund and \$4,000.00 (In the name of Bertram D. Thomas) as an undesignated gift to the University.
9. \$12,500.00 from City National Bank--\$10,000.00 for the John W. Bricker Professorship in the College of Law and \$2,500.00 for the Administrative Seminar Fund in the College of Medicine.
10. \$11,200.00 from Charles G. Bond, Brooklyn, New York, for the Charles G. Bond Fund.
11. \$10,170.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
12. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, (In the name of Marie R. Bremer), for the Bremer Foundation Fund in the College of Medicine.
13. \$10,000.00 from the Friedman Foundation, Tiffin, Ohio, for the Friends of Music Fund.
14. \$10,000.00 from Robert M. Ganger, Bronxville, New York--\$5,000.00 for the College of Commerce and Administration Fund and \$5,000.00 for the University Emergency Fund.
15. \$10,000.00 from Charles Pfizer and Company, Inc. for the Infectious Disease Research Fund.
16. \$8,000.00 from Esso Education Foundation, New York, New York--\$4,000.00 for the Esso Graduate Fellowship and \$4,000.00 for the Esso Graduate Fellowship in Chemical Engineering.
17. \$8,000.00 from McNeil Laboratories, Fort Washington, Pennsylvania, for the Anesthesia Fellowship Fund.
18. \$7,000.00 from Suburban Motor Freight, Inc. (In the name of James R. Riley) for the James R. Riley Professorship in Transportation and Business Logistics.
19. \$6,000.00 from the John and Mary Markle Foundation for the Markle Foundation Surgery Research Fund.
20. \$5,585.05 from Ullery, Vorys, Teteris, Neri & Associates for the Medical Research Consultants Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

21. \$5,397.50 from the C. R. Porthouse Charitable Trust (In the name of J. David Porthouse and Roberta A. Porthouse) for the establishment of the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.

Joseph H. Koffolt Undergraduate Scholarship Award
in Chemical Engineering

The Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering was established February 8, 1968, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends, former students, and associates of Joseph H. Koffolt, B.Ch.E. '24, M.Sc. '29, Ph.D. '31. (Dr. Koffolt served as Professor in and Chairman of the Department of Chemical Engineering.)

All gifts are to be placed in the University's permanent endowment under the rules and regulations adopted by the Board of Trustees with the right to invest and reinvest as occasion dictates.

The awards are to be made on the recommendation of the Chairman of the Department of Chemical Engineering. The criteria for the selection of award recipients will be based on the following: First, and of prime consideration, the individual's potential for professional leadership; secondly, scholarship; and finally, need. The latter is of least importance, but notwithstanding, should be considered.

When the principal of this fund reaches \$100,000.00, the income is to be used to provide one or more graduate fellowships in Chemical Engineering, with a minimum annual stipend of \$4,000.00 per fellow.

In the event the need for this income in the area stipulated should cease or diminish as to create unused income, the Board of Trustees or successive governing body of the University shall direct use of the income for purposes within the field of Chemical Engineering as recommended by the appropriate administrative official of the University then directly responsible for engineering education at The Ohio State University.

22. \$5,289.00 from the Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
23. \$5,000.00 from Dr. John J. Fahey, Chicago, Illinois, for the John J. Fahey Fund.
24. \$5,000.00 from The F. & R. Lazarus Company for the Trent D. Sickles Scholarship Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

25. \$5,000.00 from Standard Oil Company, Chicago, Illinois--\$3,000.00 for the Distinguished Teachers Award and \$2,000.00 for the President's Contingency Fund.
26. \$4,500.00 from Armco Foundation for the Armco Fellowship in Metallurgical Engineering.
27. \$4,500.00 from Owens-Illinois, Inc., for the Owens-Illinois Fellowship in Ceramic Engineering.
28. \$4,172.40 in securities from Jacob E. Davis--\$2,086.20 for the John W. Bricker Professorship in the College of Law and \$2,086.20 for the Jacob E. Davis Fund in the College of Law.
29. \$3,670.00 from Robert M. Critchfield for the Robert M. Critchfield Fund in Engineering.
30. \$3,500.00 from Nationwide Foundation for the Nationwide Fellowship Fund for Industrial Engineering.
31. \$3,500.00 from the Arline and Thomas F. Patton Foundation--\$2,000.00 for the Thomas F. Patton Fund in the College of Law and \$1,500.00 for the Novice G. Fawcett Professorship in Educational Administration.
32. \$3,125.25 in securities from Fontaine R. Henninger for the establishment of the Dr. James R. Withrow Memorial Scholarship Fund.

Dr. James R. Withrow Memorial Scholarship Fund

The Dr. James R. Withrow Memorial Scholarship Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University, with a gift through the Development Fund from Fontaine R. Henninger, B.Ch.E. '16, M.Sc. '17, a grateful student whom Dr. Withrow helped to start on his career. (Dr. Withrow served as Professor and Chairman of the Department of Chemical Engineering.)

All gifts are to be invested in the University Investment Portfolio under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income plus \$300.00 of the principal is to be used annually to provide one or more scholarships for needy and promising students in the Department of Chemical Engineering for 25 years. At the termination of the 25-year period, principal and income are to be made available to the Department of Chemical Engineering for needed equipment.

33. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

34. \$3,000.00 from Charles A. Triplehorn for the Herbert Osborn Scholarship Fund.
35. \$2,799.88 from J. Gilbert Reese for the J. Gilbert Reese Scholarship Fund.
36. \$2,577.75 from Oscar E. Carlin for the Oscar E., Florence P., David P., and Philip E. Carlin Scholarship Fund.
37. \$2,577.75 from Florence P. (Mrs. Oscar) Carlin for the Oscar E., Florence P., David P., and Philip E. Carlin Scholarship Fund.
38. \$2,200.00 from John B. Nordholt, Jr., Tiffin, Ohio, for the establishment of the John B. Nordholt Memorial Scholarship Fund.

John B. Nordholt Memorial Scholarship Fund

The John B. Nordholt Memorial Scholarship Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the sons, wife, and friends of John B. Nordholt, Sr., M.E. '08, formerly of Tiffin, Ohio.

All gifts are to be invested in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income is to be used annually to provide one or more scholarships for students enrolled in the Department of Mechanical Engineering.

Should the need for these scholarships cease to exist or so diminish as to create unused income, then the Board of Trustees may use said income for any purposes whatsoever in the general area of mechanical engineering.

39. \$2,200.00 from James S. Nordholt, Sr., Tiffin, Ohio, to add to the John B. Nordholt Memorial Scholarship Fund.
40. \$2,066.00 from Hazel Zeller Nesbitt--\$1,033.00 for the Hugh E. Nesbitt Memorial Fund and \$1,033.00 for the John W. Bricker Professorship in the College of Law.
41. \$2,000.00 from Columbus Jewish Welfare Foundation (In the name of Theodore N. Beckman) for the Theodore N. Beckman Fund for Research in Marketing.
42. \$2,000.00 from Carol S. Kennedy for the Presidents Club Special Fund.

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

43. \$2,000.00 from George W. Byers, Sr., for the Presidents Club Special Fund.
44. \$2,000.00 from E. J. Will & Company (In the name of Edwin J. Will) for the Presidents Club Special Fund.
45. \$1,900.00 from the G. D. Searle and Company for the G. D. Searle Fund.
46. \$1,610.00 from the Ohio Canners and Food Processors Association for the establishment of the Ohio Canners and Food Processors Memorial Fund.

Ohio Canners and Food Processors Memorial Fund

The Ohio Canners and Food Processors Memorial Fund was established February 8, 1968, by the Board of Trustees with gifts through the Development Fund in memory of members and friends of Ohio's canning and food processing industry.

All gifts are to be invested in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees with the right to invest and reinvest as occasion dictates.

Income is to be used to assist deserving and needy students who have expressed an interest in careers as food technologists in the canning and food processing industry and/or to assist the University's academic program in food technology as determined by Dr. Wilbur A. Gould, Professor, Department of Horticulture and Forestry, so long as he is a member of the faculty. Thereafter determination shall be made by his successors on the faculty or those most responsible for this area of academic interest at the University.

Should the need for said income cease to exist or so diminish as to leave unused income for a period of three consecutive years, then the Board of Trustees may use it for whatever purposes deemed necessary in the general area of interest expressed above.

47. \$1,525.00 from Mr. and Mrs. Lawrence W. Kavanagh for the establishment of the Mr. and Mrs. Lawrence W. Kavanagh Fund.

Mr. and Mrs. Lawrence W. Kavanagh Fund

The Mr. and Mrs. Lawrence W. Kavanagh Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University with gifts from Mr. and Mrs. Lawrence W. Kavanagh, Santiago, Chile, through The Ohio State University Development Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

47. Mr. and Mrs. Lawrence W. Kavanagh Fund (continued)

The gifts are to be invested in the University's Investment Portfolio, under the rules and regulations established by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

The income is to be used in accordance with the suggestions of either Mr. or Mrs. Kavanagh, as long as they live and so long as the suggestions do not conflict with policies of said Board of Trustees then in effect. After the decease of Mr. and Mrs. Kavanagh, income may be used for whatever purpose determined by said Board of Trustees.

48. \$1,500.00 from Dr. Neil R. Thomford for the Lab Research Fund.
49. \$1,500.00 from Bernard H. Marks, M.D., for the Pharmacology Teaching Fund.
50. \$1,500.00 from the Griffith Foundation for Insurance Education for the Charles W. Griffith Memorial Fund.
51. \$1,057.60 from Samuel Marable, M.D., for the General Surgery Fund.
52. \$1,043.00 from Alan B. Loop for the College of Law Student Financial Aids Fund.
53. \$1,006.25 from Harland T. Martin for the Agricultural Education Scholarship Fund.
54. \$1,000.00 from Ashland County Cancer Society for the United Health Foundation of Ashland.
55. \$1,000.00 from Dr. James E. Bennett for the Ophthalmologic Center Fund.
56. \$1,000.00 from Dr. Joseph L. Bitonte--\$500.00 for Ophthalmologic Center Fund, \$400.00 for Operation Eye Research Fund, and \$100.00 for Bitonte Dental Student Loan Fund.
57. \$1,000.00 from C. I. E., Inc., for the C. I. E., Inc., Matching Gift Program.
58. \$1,000.00 from Dolly Lurie Cohen (Mrs. A. B.) for the Department of Athletics Fund Number 2409.
59. \$1,000.00 from The Corrugated Container Co. (In the name of Samuel S. Davis) for The Corrugated Container Company Fund.
60. \$1,000.00 from Denman Rubber Manufacturing Co. (In the name of James H. Hoffman) for the University Relations Discretionary Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

61. \$1,000.00 from John D. Drinko for the College of Law Research Fund.
62. \$1,000.00 from Erie County Cancer Society for the Erie County Cancer Society Fund for Obstetrics and Gynecology.
63. \$1,000.00 from General Telephone and Electronics (Matching gift for Donald C. Power) for the Donald C. Power Fund for the College of Law.
64. \$1,000.00 from Robert E. Goodsell for the Presidents Club Special Fund.
65. \$1,000.00 from The Heer Foundation (In the name of Walter F. Heer, Sr.)--\$500.00 for the Operation Eye Research Fund and \$500.00 for the Student Athlete Grant-in-Aid Fund.
66. \$1,000.00 from Dr. James B. Hull--\$500.00 for the Novice G. Fawcett Professorship in Educational Administration and \$500.00 for the James B. Hull Fund.
67. \$1,000.00 from Dr. Herbert Kessinger for the Ophthalmologic Center Fund.
68. \$1,000.00 from Howard E. LeFevre for the Howard E. and Catherine B. LeFevre Scholarship Fund.
69. \$1,000.00 from the Licklider Foundation (In the name of Dr. Ralph S. Licklider) for the Ralph S. Licklider Family Fund.
70. \$1,000.00 from Harry S. Littman for the John S. Knight Fund.
71. \$1,000.00 from Mrs. Mary McCaughey (Mrs. John) Love for the Charles Austin Doan Fund.
72. \$1,000.00 from Dr. Robert H. Magnuson for the Ophthalmologic Center Fund.
73. \$1,000.00 from The Millard Foundation (In the name of Millard M. Cummins, Jr.) for the Ophthalmologic Center Fund.
74. \$1,000.00 from J. Paul McNamara for the Gertrude Saylor McNamara Memorial Fund.
75. \$1,000.00 from Harry M. Miller for the John W. Bricker Professorship in the College of Law.
76. \$1,000.00 from Clarence S. Ohsner for the Insurance Hall of Fame Seminar Room Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

77. \$1,000.00 from Galen F. Ohman (B. Arch. E. '20, B. Arch. '20), Columbus, Ohio--\$500.00 for the Michael Peppe Scholarship Fund and \$500.00 for the establishment of the Alpha Rho Chi Scholarship Fund.

Alpha Rho Chi Scholarship Fund

The Alpha Rho Chi Scholarship Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University with gifts made by alumni and friends of the University through The Ohio State University Development Fund.

All gifts are to be invested in the University Investment Portfolio, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates, except that up to 50 percent of all gifts received in any one year may be used for scholarships in that year if the annual income from this endowment does equal or exceed \$400.00.

Income is to be used to provide scholarships to undergraduate students enrolled in the School of Architecture. Scholarship awardees are to be selected by the University Scholarship and Loan Committee from those applicants recommended by the alumni executive committee of the Demetrios Chapter, Alpha Rho Chi fraternity.

The minimum scholarship award is to be \$100.00 per academic year per student; the maximum award is to be \$250.00. The donors intend that four scholarships be awarded per year and request the selection take the following order: a fourth-year student, a third-year student, a second-year student, a first-year student. If four scholarships are available, then one each should be awarded to students with each of the four class ranks.

Should the need for these scholarships cease to exist or so diminish as to leave unused income or should there be no recommendation from the Alpha Rho Chi Chapter alumni executive committee, then the University Scholarship and Loan Committee may award the scholarship(s) to any student in the School of Architecture or the Board of Trustees of the University may use the income for any purpose whatsoever in the area of architecture.

78. \$1,000.00 from Dr. Wendell D. Postle for the Wendell D. and Helen R. Postle Loan Fund.
79. \$1,000.00 from Donald C. Power for the Donald C. Power Fund for College of Law.
80. \$1,000.00 from Harry G. Schmidt for the Ottawa Club Fund.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

81. \$1,000.00 from Alex Schoenbaum for the Alex Schoenbaum Fund.
82. \$1,000.00 from Robert W. Setterlin & Co. (In name of Ralph F. Setterlin, Sr.) for the Ralph F. Setterlin, Sr. Fund.
83. \$1,000.00 from Mrs. Margaret Kaufman (Mrs. John W.) Spain for the Operation Eye Research Fund.
84. \$1,000.00 from Frederick Stecker for the Presidents Club Special Fund.
85. \$1,000.00 from James C. Steffan for the John W. Bricker Professorship in the College of Law.
86. \$1,000.00 from Chester O. Sullivan for the Insurance Hall of Fame Fund.
87. \$1,000.00 from Union Commerce Bank Trust Department (Raymond Q. Armington) for the Raymond Q. Armington Fund for the College of Engineering.
88. \$1,000.00 from the Trust under the Will of Emerson S. Zuck for the Emerson S. and Lucy J. Zuck Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$794,605.23

C. Gifts-in-Kind

1. A gift of laser accessories from The Ohio Steel Foundry Company, Lima, Ohio, for use in the Department of Electrical Engineering in the ElectroScience Laboratory.
2. Five elegantly designed costumes from Mrs. Harvey S. Firestone, Jr., to be added to the Firestone collection in the School of Home Economics.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the acceptance of the above grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

D. Report from The Ohio State University Development Fund

1. Month of November, 1967

In November, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund (continued)

1. Month of November, 1967 (continued)

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,471	\$ 78,724.74
Individuals other than alumni	211	7,578.36
Nonprofit organizations	38	27,426.22
Business concerns	9	49,315.96
	<u>1,729</u>	<u>\$ 163,045.28</u>

Of these gifts, 1,057 totaling \$9,809.10 were undesignated and 672 totaling \$153,236.18 were designated.

2. Month of December, 1967

In December, 1967, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,769	\$ 376,156.33
Individuals other than alumni	121	52,062.18
Nonprofit organizations	14	32,531.85
Business concerns	14	210,029.92
	<u>2,918</u>	<u>\$ 670,780.28</u>

Of these gifts, 2,155 totaling \$25,029.67 were undesignated and 763 totaling \$645,750.61 were designated.

3. Annual Report, 1967

The totals for the calendar year 1967, January 1 to December 31, inclusive, were as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	32,230	\$1,353,799.47
Individuals other than alumni	1,328	136,295.27
Nonprofit organizations	396	1,036,547.24
Business concerns	223	828,843.74
	<u>34,177</u>	<u>\$3,355,485.72</u>

Of these gifts, 25,876 totaling \$225,540.78 were undesignated and 8,301 totaling \$3,129,944.94 were designated.

February 8, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

E. Establishment of a New Fund from a Previously Reported Gift

1. The T. J. Kennedy Family Fund was established February 8, 1968, by the Board of Trustees of The Ohio State University with a bequest through the Development Fund from Miss Helen C. Kennedy, formerly of Xenia, Ohio (Reported November 9, 1967).

Gifts are to be invested in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income and principal are to be used for the support of research on eye diseases that is conducted by the University's Institute for Research in Vision under the direction of the College of Biological Sciences.

Upon motion of Mr. Jones, seconded by Mr. Hilliker, the Board of Trustees by unanimous voice vote approved the establishment of the above-named Fund.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Roof Repairs - 1968

This project will provide roof repairs for Botany and Zoology Building, Men's Physical Education Building, and Orton Hall.

Funds for this project will be provided from Budget Account 121658 (Contract Repair).

B. Library Elevator Remodeling

This project provides installation of a modern passenger elevator to replace the unreliable and unsafe unit presently servicing the south four-story portion of the main library.

Funds for this project will be provided by a transfer of funds from Budget Account 121658 (Contract Repair) to Budget Account 801152 (Construction Account, Library Elevator Remodeling).

C. Agricultural Administration Building - Improvements to Heating and Air Conditioning

This project provides for the installation of a central heating and air conditioning system for the first floor, west wing of the Agricultural Administration Building.

February 8, 1968 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

C. Agricultural Administration Building - Improvements to Heating and Air Conditioning (continued)

Funds for this project will be provided by a transfer of funds from Budget Account 129010 (College of Agriculture Improvements Budget) and Budget Account 921400 (Physical Plant Labor and Materials) to Budget Account 801153 (Construction Account, Agricultural Administration Building - Improvements to Heating and Air Conditioning).

D. Van de Graaff Laboratory Addition

This project is an addition to the existing Van de Graaff Laboratory providing additional offices and research space.

Funds for this project will be provided from Budget Account 801148 (Construction Account for Van de Graaff Laboratory Addition).

E. Sisson Hall - Remodeling of West Wing

This project provides for complete remodeling of interior space to provide additional staff offices for the Dean of Veterinary Medicine and Administrative offices.

Funds for this project will be provided by a transfer of funds from Budget Account 129110 (College of Veterinary Medicine Improvements Budget) and Budget Account 921400 (Physical Plant Labor and Materials) to Budget Account 801154 (Construction Account, Sisson Hall - Remodeling of West Wing).

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. Humanities Center - Foreign Languages Building

On September 14, 1967, the Board of Trustees approved the award of contracts for this project but the Department of Health, Education, and Welfare did not concur in the award. More than 30 days has passed since bids were received and all bidders therefore have the right of withdrawing their bids.

February 8, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Humanities Center - Foreign Languages Building (continued)

Labor costs have increased and materials have advanced since the expiration of the 30-day bids. It is estimated that an increase in the low bidder's bid on the Plumbing Contract of \$5,900.00 will make their bid current, and still provide a price scale under the second lowest bidder. President Fawcett therefore recommended that the previous Board action be amended to indicate the following figures for the Plumbing Contract.

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(3 bids received 8-30-67)		
Piping Contractors Co. (Columbus)		
Base Bid	\$89,304.00	\$78,800.00
Alt. P-1 Vacuum-Cleaning System	<u>5,349.00</u>	<u>6,000.00</u>
Total Contract	\$94,653.00	\$84,800.00

Funds for this project are provided from Item 315-044, H. B. 886, and a Title II Federal Grant.

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above award of contract and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

B. Center for Tomorrow

Bids were received on February 6, 1968 for this project, all of which were over the estimate of cost with the exception of the General Contract. President Fawcett therefore recommended that the Board of Trustees approve the award of contract to the low bidder for the General Contract, Knowlton Construction Company, Bellefontaine, Ohio, and authorize the Vice President for Business and Finance to proceed in the normal University manner to readvertise the Plumbing, Electrical, Heating and Ventilating, Kitchen Equipment and Stage Equipment Contracts for a period of not more than 10 days, to award the contracts to the satisfactory low bidders, and report to the Board all action in regard to this project.

Funds for this project are provided from Budget Account 801035 (Construction Account, Center for Tomorrow).

Upon motion of Mr. Jones, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous roll call vote.

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February 8, 1968 meeting, Board of Trustees

VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

The Ohio Board of Regents

- 14 Approves the transfer and release of \$1,685,338.00 from Item 235-008 Technical Institutes, Community Colleges, and University Branches to Item 315-051 General College Building No. 2, H. B. 886, to provide funds for construction of this project.

The Ohio State University

- 30 Approves the release of \$24,734.00 from Item 046 Horticultural and Forestry Building, H. B. 886, to provide funds for a pole barn included in this project.
- 32 Approves the acquisition of Lot No. 39, 2nd Wood-Brown Co. Addition, Clinton Township, Franklin County, Ohio, and commonly known as 2477 Wood Avenue.
- 33 Approves the award of the electrical contract for the Dodd Hall Addition to the second lowest bidder without further competitive bidding.
- 34 Approves the award of the electrical contract for Humanities - Language Building to the second lowest bidder without further competitive bidding.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Withdrawal from Dividend Reserve on Group Life Insurance

President Fawcett recommended that the Vice President for Business and Finance be authorized to make application to John Hancock Mutual Life Insurance Company for the withdrawal of \$85,000.00 from the dividend reserve account on Group Life Insurance Policy No. 1305-G in order to make expenditures for supplemental retirement benefits to our emeriti in accordance with Board action of July 10, 1959; for major medical coverage for emeriti in accordance with Board action of April 10, 1959; and death benefits as approved by action of the Board of Trustees on July 11, 1955.

Upon motion of Mr. Safford, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Van de Graaff Laboratory Addition - Employment of Engineers

President Fawcett recommended that the engineering firm of Ralph and Curl be employed to provide complete professional engineering services for heating, ventilating and air conditioning, plumbing and electrical work for the above project, including design, preparation of drawings, specifications and estimate of cost, and field supervision of construction as required.

The fee for this service will be calculated at the rate of 5 1/2 per cent of the cost of the plumbing, heating and electrical work, an estimated \$2,502.50 and funds will be provided by a transfer of funds from Budget Account 139999 (Equipment Reserve) to Budget Account 801148 (Van de Graaff Laboratory Addition).

Upon motion of Mr. Hilliker, seconded by Mr. France, the above recommendation and transfer of funds was approved by unanimous roll call vote.

C. Purchase of Property - South Bass Island, Whelan Property

Since it would be in the best interests of The Ohio State University to acquire the John A. Whelan property on South Bass Island, which property is adjacent to property of the State of Ohio and the Board of Trustees of The Ohio State University, President Fawcett recommended that the Vice President for Business and Finance be authorized to proceed with the purchase of the following property from John A. Whelan and Claire G. Whelan at a price of \$9,000.00:

Property being Lots #48, 49 and 50, Schiele and Halloway's Peach Point Subdivision, South Bass, Put-In-Bay, Ottawa County, Ohio, and the purchase contained herein includes the three lots, the appurtenances thereon and the furnishings therein. Last transfer of record: Deed Book Volume 230, page 649, dated October 19, 1965.

Funds for this purchase are available in the Mary D. Rogick Fund.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

D. Easement, Newark Campus - National Gas and Oil Corporation

The National Gas and Oil Corporation has requested a gas line easement on State of Ohio lands that have been designated for the use of The Ohio State University, Newark Branch. The gas line will provide natural gas to the Newark Campus.

February 8, 1968 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Easement, Newark Campus - National Gas and Oil Corporation (continued)

President Fawcett recommended that a gas line easement be granted to the National Gas and Oil Corporation. It was recommended further that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide gas service to the Newark Campus.

Upon motion of Mr. Jones, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

E. Pedestrian Bridge Over Olentangy River and Olentangy River Road - Employment of Engineers

President Fawcett recommended that the engineering firm of Tweed & Eriksson be employed to provide complete engineering services for this project including underwater survey, preliminary plans, detailed construction drawings, specifications, contract documents, and periodic supervision of construction.

The fee for this service will be calculated on the basis of 10 per cent of the construction cost or an estimated \$8,000.00. Funds will be provided by a transfer from the Student Service Account to Budget Account 801083 (Construction Account, River Union).

Upon motion of Mr. Safford, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

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IX. RESOLUTION OF APPRECIATION

Upon the recommendation of the Vice President for Business and Finance, and with the concurrence of the President's Cabinet, President Fawcett proposed that the Board of Trustees adopt the Resolution of Appreciation, as shown on the opposite page, to recognize the 38 years of unique, effective, and dedicated service of Emerson B. Laird who recently retired as Manager of The Ohio State University Bookstore.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees adopted the resolution by unanimous voice vote, and the Secretary was instructed to have the Resolution reproduced on a Perma-Glaze Plaque for presentation to Mr. Laird.

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The Ohio State University

RESOLUTION OF APPRECIATION

WHEREAS

EMERSON B. LAIRD

has served the University continuously and with steadfast dedication for a span of 38 years, all of which was devoted to The Ohio State University Bookstore, first as a student clerk in 1928, then as assistant manager in 1933, and since 1946 in the capacity of manager, and

WHEREAS

he has, by holding various responsibilities at three levels, developed an exceptional insight which allowed him to contribute richly toward the betterment of the total organization of the University Bookstore, as well as The Ohio State University, and

WHEREAS

he masterfully coped with the many complexities he encountered by displaying exemplary skills in problem-solving and decision-making, and

WHEREAS

by vigorously injecting himself into his duties and responsibilities, he has established high standards in his department, and in so doing has won the respect of his colleagues throughout the campus, and

WHEREAS

in keeping with any changes and innovations in bookstore administration, was active in related associations, such as The National Association of College Stores, wherein he served as trustee thereby contributing valuable assistance in shaping a better organization both for The Ohio State University and for the national level as well.

NOW THEREFORE BE IT RESOLVED

upon the conclusion of his distinguished career as Manager of The Ohio State University Bookstore effective October 31, 1967, the Board of Trustees cites the commendatory service of Emerson B. Laird with highest regards.

Dated this eighth day of February, 1968.



Novie M. Lawlett
PRESIDENT
THE OHIO STATE UNIVERSITY

John M. Gisher
CHURCHMAN
BOARD OF TRUSTEES

John T. Mount
SECRETARY
BOARD OF TRUSTEES

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Anne M. Burns, Instructor in the School of Nursing; Alice R. Robinson, Professor Emeritus in the School of Art; Robert Victor Zumstein, Associate Professor Emeritus in the Department of Physics; and Alma Herbst, Professor Emeritus in the Department of Economics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Anne M. Burns

The Board of Trustees expresses its sorrow at the death on October 13, 1967, of Anne M. Burns, Instructor in the School of Nursing.

Miss Burns was born in Corning, Ohio, on October 1, 1912. She was graduated from Mt. Carmel Hospital School of Nursing in 1934, received a Bachelor of Science degree in Nursing Education from The Ohio State University in 1937, and did graduate work in the School of Social Administration. She received the Master of Public Health degree from the University of Minnesota in 1948.

Miss Burns began her public-health nursing career at the Columbus Public Health Nursing Service and functioned there from 1936 to 1942. During World War II, from 1942 to 1946, Miss Burns served with the Mayo Clinic Unit of the Army Nurse Corps in the South Pacific Area. After the war, Miss Burns returned to Columbus and was appointed as the interviewing nurse for patient education in the newly established Central Ohio Rapid Treatment and served as field nursing consultant with the Ohio Department of Health. In 1950, Miss Burns was promoted to Assistant Chief in Education of the Division of Nursing of the Ohio Department of Health. In 1955, she became Chief of the Division of Nursing. Since 1952, Miss Burns had been an Instructor in the School of Nursing at The Ohio State University.

During the past twenty years Miss Burns worked earnestly and consistently with the six collegiate schools of nursing in Ohio to help them develop the public health aspects of their curricula. Through her position she helped make the public health agencies throughout the State available for the field experience required of all students in collegiate schools of nursing. She was particularly concerned about developing continuing educational programs for the public health nurses of Ohio. Through her intensive efforts, programs were developed in general public health nursing, rehabilitation nursing, and nursing in the care of patients with acute cardiac conditions.

Miss Burns was active and held office in many local, state, and national professional organizations, such as the American Nurses' Association, the National League for Nursing, and the American Public Health Association. Her advice was sought by the United States Public Health Service on its Advisory Committee for Heart Disease Control and on the National Expert Committee on Title II Traineeships. She was also appointed to the Technical Development Branch of the Governing Council of the American Public Health Association.

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Anne M. Burns (continued)

Among the many honors and awards which Miss Burns received, one of the most outstanding was conferred upon her by President Eisenhower in 1958. She was appointed to the official United States delegation of the Eleventh World Health Organization Assembly to serve as nurse advisor to the United States delegation. She was one of five nurses from 83 countries selected to attend that meeting.

Miss Burns' sparkling personality, charm, ability, and enthusiasm have influenced countless nurses to engage in the field of public health nursing. She consistently stimulated those so engaged to strive for better education and preparation so that nursing service to patients would be of the highest quality possible.

On behalf of the members of the Faculty of the College of Medicine and her colleagues throughout the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution, which has been inscribed upon the minutes of the Faculty of the College of Medicine of November 14, 1967, be made a part of the minutes of this meeting; and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Alice R. Robinson

The Board of Trustees expresses its sorrow at the death on December 23, 1967, of Alice R. Robinson, Professor Emeritus in the School of Art.

Alice Rebecca Robinson was born in 1881, in Congruity, Pennsylvania. She received a Bachelor of Literature in 1901 from Oxford College; Bachelor of Pedagogy in 1903 from Miami University; and a Bachelor of Science in 1916 at Teachers College, Columbia University. She studied painting at the Art Academy of Cincinnati in 1902-1903 and at the Art Students League in New York City in 1920. Her teaching experience before coming to The Ohio State University consisted of six years at Miami University in Oxford, Ohio (1904-1911) and one year at Washington State Normal School (1911-1912).

Alice Robinson was among the first of the Fine Arts faculty at The Ohio State University. She joined the faculty of the School of Art as an Instructor in 1912 and progressed through the academic ranks to become Professor in 1935. She was made Professor Emeritus upon retirement in 1947. In this thirty-five years, she was a strong influence in developing and encouraging the University to create a Fine Arts Department in the College of Education and later establishing the Graduate Program in Art Education.

Professor Robinson belonged to Tau Sigma Delta and Delta Phi Delta, Fine Arts Honorary Fraternities; Phi Lambda Theta, Education Honorary Fraternity; Columbus Gallery of Fine Arts; Urban League; League of Columbus Artists; Ohio Water Color Society; National Education Association; Progressive Education Association; Western Arts Association; Ohio Education Association; Art Section of OEA; and National and State Association of Supervisors of Practice Teaching.

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Alice R. Robinson (continued)

Because of her active and creative mind, Professor Robinson was invited to participate in the Vassar College Experiment for the Geriatrics Institute, Cold Harbor Springs Foundation on the Hudson, New York. After retirement from The Ohio State University, she continued to teach art privately, and she was engaged in writing a history of the Fine Arts Department.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Robert Victor Zumstein

The Board of Trustees expresses its sorrow at the death on December 28, 1967, of Robert Victor Zumstein, Associate Professor Emeritus in the Department of Physics.

Professor Zumstein was born in Wellandport, Ontario, Canada, on December 26, 1896. He received his Bachelor's degree in 1917, his Master's degree in 1918 from the University of Toronto, and his Ph. D. from the State University of Iowa in 1924. He was an Instructor at the State University of Iowa from 1920 to 1924, and a Fellow of the National Research Council at the University of Michigan from 1924 to 1926.

In 1927, Dr. Zumstein joined the faculty in the Department of Physics at The Ohio State University as Instructor and was promoted to Assistant Professor in 1932 and Associate Professor in 1942. During this time he carried on an active program in the area of atomic and molecular spectroscopy, particularly in the latter field. He also worked in x-ray spectroscopy. His publications during his tenure at Ohio State included 22 papers and one book.

Dr. Zumstein was interested also in the problems of instruction and his cheerful good nature and cooperative attitude made him well liked by his colleagues. He was a member of Sigma Xi and the American Physical Society.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Alma Herbst

The Board of Trustees expresses its sorrow at the death on January 18, 1968, of Alma Herbst, Professor Emeritus in the Department of Economics.

Professor Herbst was born May 27, 1892, in Columbus, Ohio. She received her A.B. degree from The Ohio State University in 1914 and earned the Ph. D. degree in Economics at the University of Chicago in 1930. Her academic career was devoted to The Ohio State University where she progressed through the academic ranks from Instructor to Professor, beginning in 1930. She retired from the University at the end of the academic year 1962-63. Throughout her years of service at the University, her classes were distinguished by a realistic, knowledgeable, and eminently practical exploration of complex facets of labor problems and industrial relations. She attracted and interested many students to her field of specialization at the undergraduate level. Even more clear testimony to Professor Herbst's constructive professionalism was the caliber of graduate students who took graduate degrees under her guidance and embarked on eminent professional careers. A number of the outstanding specialists in labor and industrial relations in the nation today were students of Professor Herbst and profited from her stimulating mind and critical and constructive evaluation of their work.

In addition to her academic work, Dr. Herbst maintained wide contacts in the non-academic world of industrial relations. At various times in her career, she was industrial secretary of the National Board of the YWCA, taught in the Bryn Mawr Summer School for Workers, and served as a public member of the Regional War Labor Board. She was instrumental in developing labor education activities on The Ohio State University campus and retained an interest in this activity throughout her career.

Dr. Herbst was awarded one of the five Distinguished Teaching Awards by The Ohio State University Association in 1962. The recipients of these awards were asked to comment on their most rewarding teaching experiences. A part of her response reveals the depth of her commitment to the teaching profession. She said

My most rewarding teaching experience has been the unique privilege of association and comradeship with students in the quest for truth. . . . The most rewarding teaching experience is never concluded . . . there comes a realization of the sacred worth of personality and the uniqueness of irreplaceable talent. All are fellow members of the human race. As the core of life emerges so also are relationships in the home, on the job, and in the larger community established. To the teacher it is rewarding to recognize the dedication of former students to responsible areas of the government, in international affairs, in academic life, in labor-management relationships, in business, in politics, in the home, and in service activities. The bond of a continuing free way of life is sealed in mutual gratitude and love long after the formal 'Commencement' date.

February 8, 1968 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Alma Herbst (continued)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XI. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting Held December 15, 1967

President Fawcett reported for information and the record that the Ohio Board of Regents at its regular meeting on December 15, 1967, approved the following new degree programs for The Ohio State University:

1. Bachelor of Science in Computer and Information Science
2. Master of Science in Computer and Information Science
3. Doctor of Philosophy in Computer and Information Science

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the Secretary was instructed by unanimous vote to include the above report in the minutes of this meeting.

B. Distribution of January, 1968, Edition of the Publication Entitled Statutes Applying to the University, By-Laws of the Board of Trustees, and Rules for the University Faculty

Pursuant to the instructions of the Board of Trustees, the publication entitled Statutes Applying to the University, By-Laws of the Board of Trustees, and Rules for the University Faculty has been reprinted incorporating those amendments adopted by the Board of Trustees through the December 14, 1967 meeting. The statutes of the Ohio Revised Code pertaining to The Ohio State University and printed in the publication have been revised to include those actions adopted by the 107th General Assembly.

A copy of the January, 1968, edition of the above-referred-to publication will be sent to all principal administrative officers and faculty of the University.

Upon motion of Mr. Safford, seconded by Dr. Thomas, the Board of Trustees approved the acceptance of the above-referred-to publication by unanimous voice vote.

February 8, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

C. Recognition of the Fiftieth Anniversary of the
Founding of Mortar Board

On February 17, 1968, the active and alumnae members of Mortar Board Chapters throughout the State of Ohio will meet here at The Ohio State University to celebrate the Fiftieth Anniversary of the founding of Mortar Board as the national honor society for senior women. President Fawcett expressed his pleasure in presenting to the Board of Trustees the following resolution and recommending that it be adopted:

The Ohio State University

A Resolution in Recognition of the Fiftieth Anniversary of MORTAR BOARD

WHEREAS: Mortar Board is an association of collegiate women selected for distinguished ability and achievement in scholarship, leadership, and service, bound together to promote college loyalty, to advance the spirit of service and fellowship among university women, to promote and maintain a high standard of scholarship, to recognize and encourage leadership, and to stimulate and develop a finer type of college woman, and

WHEREAS: 1968 marks the Fiftieth Anniversary of the founding of Mortar Board as a national honor society, and

WHEREAS: The National Archives of Mortar Board are to be located, as of 1968, at The Ohio State University, and

WHEREAS: The Ohio State University Chapter of Mortar Board was one of the four founding chapters of Mortar Board as a union of senior women's honor societies, and has remained an active chapter, both nationally, and locally, for the ensuing 50 years.

February 8, 1968 meeting, Board of Trustees

XI. REPORTS (continued)

C. Recognition of the Fiftieth Anniversary
of the Founding of Mortar Board (continued)

BE IT THEREFORE RESOLVED: that The Ohio State University continue to recognize and support Mortar Board as a senior women's honor society in the campus community, and

BE IT FURTHER RESOLVED: that the University acknowledge the Fiftieth Anniversary celebration of the founding of the national Mortar Board organization, recognizing The Ohio State University's significant influence as a founding chapter.

Adopted by the Board of Trustees on the eighth day of
February in the year of our Lord, 1968



[Signature]
Chairman of the Board of Trustees

[Signature]
President of the University

[Signature]
Secretary of the Board of Trustees

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous voice vote, and the Secretary was instructed to have the resolution reproduced for presentation to the President of The Ohio State University Chapter of Mortar Board.

D. Report on the University's Investment Portfolio

The reports dated January 23, 1968 and February 7, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's investment portfolio, were received and ordered to be filed with the official records of the Board of Trustees.

E. Annual Report for the Engineering Experiment Station

The Annual Report for the Engineering Experiment Station for the fiscal year ended June 30, 1967, was presented to each member of the Board of Trustees. A copy of said report will be filed with the official records of the Board of Trustees.

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February 8, 1968 meeting, Board of Trustees

XII. PRESENTATION OF PART 1, VOLUME VIII, UNIVERSITY HISTORY
WRITTEN BY PROFESSOR EMERITUS JAMES E. POLLARD

President Fawcett in presenting the new volume of the University history series spoke as follows:

In 1964 Professor Emeritus James E. Pollard, who was at that time serving as University Historian, was assigned the responsibility for completing a history of the University's role in World War II. Professor Pollard has now completed the work, and it has been registered in the Library of Congress. Officially it is Part 1, Volume VIII, in the University's history series and is entitled The University in a World at War, covering the first five years of the administration of former President Howard L. Bevis. Part 2 of Volume VIII is now in preparation and will cover the last eleven years of the Bevis administration.

This volume portrays the campus as it was at the time of Pearl Harbor, December 7, 1941, and describes the great acceleration and change that followed in its wake, including the extensive special training programs undertaken by this University for the armed forces. The publication goes into some detail about wartime research on the campus and it touches on the early planning for the postwar years and the efforts made in anticipation of the unprecedented growth in enrollment known as the "veterans' bulge."

In particular, however, the work underscores the contribution made by the estimated 17,000 alumni and former students who took part in World War II, as well as the 350 members of the University faculty and staff who were granted leaves either for active military service or for other war-connected assignments. Special attention is given to the 699 alumni and former students whose lives were sacrificed in the defense of our country, including four at Pearl Harbor. Those honored citizens comprise the University's honor roll, and it is to them that the book is dedicated.

Before presenting the book to each member of the Board of Trustees, President Fawcett introduced the author, Professor Emeritus James E. Pollard, and cited facts from his illustrious career as follows:

Most of you know Jim Pollard for his long and dedicated service to this University and I consider him a very dear personal friend. Jim Pollard, who holds three degrees from The Ohio State University, joined the staff of the University in 1923. He has gained wide recognition for his research and writings, notably in history and newspaper law. He received the title of Professor Emeritus upon his retirement in July, 1965, and was awarded The Ohio State University Distinguished Service Award in August of that year. He is continuing his service to the University as a consultant to Vice President Mount.

February 8, 1968 meeting, Board of Trustees

XII. PRESENTATION OF PART 1, VOLUME VIII, UNIVERSITY HISTORY
WRITTEN BY PROFESSOR EMERITUS JAMES E. POLLARD (continued)

It should be noted that Professor Pollard has served as President of the American Association of Schools and Departments of Journalism and as the national President of Kappa Tau Alpha, the journalism scholarship fraternity. For his book The Presidents and the Press, published in 1947, he received the Distinguished Service Award for Research in Journalism from Sigma Delta Chi, the national professional journalistic fraternity.

The volume I am presenting to you today is the fourth book written about The Ohio State University which has been authored by Professor Pollard, the others being the 75-year history, 1873-1948; a biography of former President William Oxley Thompson; and a history of University athletics from 1879 to 1959.

Mr. Bricker in accepting the book expressed on behalf of the Board of Trustees deep appreciation and high commendation to Professor Pollard for his efforts in authoring the new volume in the University history series.

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Thereupon the Board adjourned to meet Thursday, March 14, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-EIGHTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 14, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, March 14, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, John G. Ketterer, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last meeting were approved.

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March 14, 1968 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Proposal for the Establishment of a New Graduate Degree Program and a Certificate Program in Teaching English to Speakers of Other Languages

The Faculty Council on February 13, 1968, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the recommendation that new programs in the area of teaching English to speakers of other languages be authorized as follows:

1. A graduate program leading to the degree, Master of Arts;
and
2. A graduate certificate program.

Since World War II, the number of international students in the United States has increased tremendously. Universities have had to develop special English programs and also find personnel competent to provide the special kind of English instruction which international students require. To serve their own interests over the years and to facilitate communication within the field, these special teachers of English have created their own professional associations and journals. Recently, interdisciplinary graduate programs to which the fields of English, linguistics, and speech have contributed were developed in several major universities in an attempt to meet the demand for personnel competent to teach English to speakers of other languages (TESOL).

Such a program at The Ohio State University will be open to students who are, or who have been, enrolled in other graduate degree programs in English, linguistics, modern languages, or speech. Students who successfully complete a graduate degree in one of these programs may also receive a Certificate in TESOL upon completion of the additional requirements of the program in TESOL. Students will not be awarded a Certificate in TESOL if they fail to complete the degree for which they have regularly enrolled.

President Fawcett recommended that the above proposal to establish a new graduate degree program leading to the Master of Arts degree and a certificate program leading to a Certificate Program in Teaching English to Speakers of Other Languages be approved by the Board of Trustees, and that this action become effective Summer Quarter, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. France, the Board of Trustees approved the above recommendation by unanimous roll call vote.

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of a Certificate Program for
Translators of Russian in the Social Sciences

A program designed to prepare persons to be effective translators of Russian in the Social Sciences has been approved by the appropriate department and college faculties, as well as the Graduate School and the Council on Academic Affairs. Such a program is a part of a larger venture which encompasses both the preparation of translators and the actual translation of significant Russian works in the Social Science fields to be published by The Ohio State University Press as a series over the next few years. There is a significant need for personnel with this preparation in both industry and government. The original source of such translators--native Russians--is no longer open.

Students entering the Certificate Program must register and meet the requirements of the Graduate School. All course work taken will be for graduate credit. Candidates will be exposed to language training, courses in applied linguistics, English composition, and translation techniques. Upon completion of the program, these students will be awarded the certificate by the Graduate School upon the recommendation of the Department of Slavic Languages and Literatures.

President Fawcett recommended that the above proposal be approved by the Board of Trustees.

Upon motion of Mr. France, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous voice vote.

C. Honorary Degrees

The Faculty Council on February 13, 1968, recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals:

Sir Charles Wilson, Principal and Vice Chancellor of University of Glasgow - Doctor of Laws

Henry Chauncey, President of Educational Testing Service - Doctor of Laws

Lyman Sedgwick Ford, Executive Director of United Community Funds and Councils of America - Doctor of Humane Letters

President Fawcett recommended that the Board of Trustees approve the awarding of honorary degrees to the above-identified persons.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. University College--Designated as Separate Administrative Unit

When the academic reorganization for the University was approved by the Board of Trustees at the October 11, 1967 meeting, the University College was one of the six separate administrative units within the Colleges of the Arts and Sciences. Since the mission of the University College has been determined to be that of serving as a foundation for all of the undergraduate colleges of the University, the Faculty Council on February 13, 1968, endorsed the recommendation of the Council on Academic Affairs that the University College become a separate administrative unit outside the Colleges of the Arts and Sciences, effective immediately.

President Fawcett recommended that the action taken by the Board of Trustees on October 11, 1967 regarding the academic reorganization of the University be amended to delete the University College as one of the administrative units within the Colleges of the Arts and Sciences.

Upon motion of Mr. Hilliker, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous roll call vote.

E. Student Services Fee Increase

To meet the increasing costs of student services and to provide for increased professional services in such areas as student health, student financial aids, student orientation and testing, intramural, recreational and cultural programs for students, the Ohio Union, and activities of more than 400 University recognized student organizations, President Fawcett recommended that the Student Services Fee be increased by \$5.00 per quarter, effective Summer Quarter, 1968.

Although student service activities and expenses have increased on a year-to-year basis, there has been no increase in the Student Services Fee for the past eight years. In recent years, these additional costs have been absorbed through a Student Services Fee reserve, which reserve will be encumbered by July 1, 1968. This recommendation was considered when the University comprehensive budget was proposed in June, 1967; however, on the request of the Ohio Board of Regents that any student fee increases to become effective after the fiscal year 1967-68 should be submitted in the spring of 1968, the proposal to increase the Student Services Fee as outlined above was deferred until this time.

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous roll call vote.

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Amendments to Constitution of The Ohio State University Development Fund

The Board of Directors of The Ohio State University Development Fund at its regular meeting on Saturday, March 2, 1968, approved the attached resolutions, identified as Appendix IV, page 513, amending the Constitution of The Ohio State University Development Fund to double the size of the Board of Directors from ten to twenty members with five of the additional members to be elected by the Board of Directors of The Ohio State University Association and five to be appointed by the President of the University.

Pursuant to Article V, Section 1, of the Constitution of The Ohio State University Development Fund, President Fawcett recommended therefore that the above-referred-to amendments to the Constitution of The Ohio State University Development Fund be approved and included with the minutes of this meeting.

Upon motion of Mr. France, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous roll call vote.

G. Degrees and Certificates Conferred--Winter Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 15, 1968, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix V, page 517.)

Upon motion of Dr. Thomas, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendation by unanimous voice vote.

H. Schedule for Football, Basketball, and Ice Hockey Ticket Prices Effective 1968-69 Season

The Athletic Council has recommended, and the President's Cabinet has reviewed the recommendation, that the following schedule of football, basketball, and ice hockey ticket prices be approved, effective with the seasons beginning 1968.

Football Ticket Prices

Student Season Tickets	\$14.00
Faculty-Staff Season Tickets	16.00
Alumni and Public	
Box Seats (Individual Games)	7.00
Reserved Seats (Individual Games)	6.00
Bleacher Seats (Individual Games)	3.00

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

H. Schedule for Football, Basketball, and Ice Hockey
Ticket Prices Effective 1968-69 Season (continued)

Basketball Ticket Prices

Student Season Tickets	\$ 8.00
Individual Games	1.00
Faculty-Staff Season Tickets	10.00
Individual Games	1.00
Alumni and Public	
Mezzanine (Individual Games)	2.50
Balcony (Individual Games)	1.50

Ice Hockey Ticket Prices

Student and Faculty-Staff Tickets (Individual Meets)	\$.75
(For holders of season football or basketball season cards)	
Alumni and Public (Individual Meets)	2.00

The foregoing schedule of football prices represents an increase of \$1.00 per game in box and reserved seats and no increase in bleacher, student, and faculty-staff ticket prices. Students and faculty-staff members who purchase football season admission cards or basketball season tickets will be admitted free to all regularly scheduled intercollegiate athletic contests except football, basketball, and ice hockey.

The football ticket prices for box and reserved seats have not been increased for five years. The above-recommended prices will bring The Ohio State University up to the level charged by seven other Western Conference (Big Ten) universities, and the two remaining Conference universities charge \$5.50 for reserved football seats. Further, the above-recommended schedule of prices is considered necessary to meet the increased costs of operation, to continue the support of all seventeen varsity intercollegiate athletic programs, and to continue the University policy of operating the intercollegiate athletic program without assistance from the State.

President Fawcett recommended, therefore, that the above schedule of ticket prices be approved.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote.

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Resolution Supporting Programs Dealing
With Socio-Economic Problems

President Fawcett recommended that the following resolution be adopted by the Board of Trustees:

WHEREAS: The Ohio State University has through its administrative officers repeatedly expressed its support of both the legal and moral requirements for non-discrimination because of race, color, and creed in all aspects of University and community life; and

WHEREAS: the University has taken a series of actions to insure that internal employment practices reflect this commitment; and

WHEREAS: the University has initiated action to introduce into its curricula subject matter which will reflect the contributions to American society and the heritage of minority groups; and

WHEREAS: the Student Assembly of The Ohio State University in cooperation with student groups, faculty members, and administrative officers has initiated a program which will attempt to insure that off-campus housing available to University students is available in accordance with Ohio law relating to civil rights and equal opportunity; and

WHEREAS: The Ohio State University has within its faculty and staff knowledgeable scholars with competency to seek solutions to a wide range of socio-economic problems; and

WHEREAS: a university, because of its inherent capability and of its well-defined service mission, should exercise a leadership role in designing and implementing such solutions; and

WHEREAS: University officers have already begun action programs within the University and within the community to deal with various socio-economic problems; now, therefore,

BE IT RESOLVED: That the Board of Trustees of The Ohio State University endorses the programs already initiated by the University to deal with such problems, and

That the Board directs the appropriate officials of the University under the direction of the President of the University to take such steps and to initiate such programs as will attempt to insure that University and University-related activities are conducted in conformance with Ohio law relating to civil rights and equal opportunity and as will insure that the University play its proper role in exercising leadership in dealing with important current socio-economic problems.

Dr. Thomas moved and Mr. France seconded the motion that the above resolution be adopted. During the discussion of the above resolution, Mr. Shocknessy stated

March 14, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Resolution Supporting Programs Dealing
With Socio-Economic Problems (continued)

that he "heartily endorsed the pious expressions, aspirations, and direction set forth in the resolution," and he followed with the question regarding the intent of the manner in which those groups referred to in paragraph 4 of the resolution might effectively insure that off-campus housing available to University students is, in fact, available in accordance with Ohio law.

President Fawcett, Vice President Corbally, and Executive Dean Bonner reviewed the procedures which are now being followed by the University in assisting students individually and collectively in their efforts to secure off-campus housing in residences where the non-discrimination policy is in effect.

It was the consensus that the "administrative officers of the University would use their best efforts in an attempt to insure that the expressions of the resolution were executed," recognizing that since the University does not supervise off-campus housing, it cannot in fact fully insure that the Ohio law will be followed by all owners who rent housing to students. The resolution was revised to include the above consensus with the consent of Dr. Thomas and Mr. France who moved and seconded the motion to adopt the resolution.

Upon a roll call vote, the above resolution as revised was adopted by unanimous vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the February 8, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Appointments, Changes in Administrative Responsibility, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Appointments

Geoffrey Keller, Dean of the College of Mathematics and Physical Sciences, effective August 1, 1968, at a salary of \$29,208.00 per annum. Dr. Keller will hold an appointment as Professor in the Department of Astronomy at No Salary.

Imogene King, Professor in and Director of the School of Nursing, effective August 1, 1968, at a salary of \$20,168.00 per annum.

Robert Gerle, Professor, School of Music, effective October 1, 1968, at a salary of \$22,368.00 per annum.

March 14, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Changes in Administrative Responsibility

Robert A. Oetjen from Acting Dean of the College of Arts and Sciences to Assistant Vice President for Learning Resources, effective April 1, 1968, at no change in present salary (\$26,772.00 per annum). Dr. Oetjen will continue to hold the academic rank of Professor in the Department of Physics.

Charles L. Spohn from Professor in the School of Music to Associate Dean of the College of the Arts, effective April 1, 1968, at a salary of \$15,768.00 per annum. Dr. Spohn will continue to hold the rank of Professor in the School of Music at No Salary.

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Richard S. Sechrist, Instructor (Supervisor, Dairy Testing), effective April 1, 1968 through June 15, 1968, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Margaret A. Hukill, Assistant Professor, Department of Physical Education - Women's Division, effective April 1, 1968 through June 30, 1968, for personal reasons.

Ramesh C. Srivastava, Assistant Professor, Department of Mathematics, effective April 1, 1968 through June 30, 1968, to engage in research at Stanford University.

E. Emeritus Title

Dorothy D. Scott, School of Home Economics, with the title Professor Emeritus, effective May 1, 1968.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the Appointments, Changes in Administrative Responsibility, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" an official document of the University.

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March 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Studies on Larval and Adult Mosquitoes (to be known as National Institutes of Health Project No. 702-K - Ext. #11 - College of Biological Sciences).
Gross Value - \$22,526.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Mental Health, Bethesda, Maryland, Studies in Learning and Perception (to be known as National Institutes of Mental Health Project No. 887-I - Ext. #9 - Department of Psychology).
Gross Value - \$24,772.00.
- a3. Department of Navy, Office of Naval Research, Washington, D. C., Voice Communication (to be known as Office of Naval Research Project No. 1002 - Amend. #16 - Department of Speech).
Gross Value - \$19,769.00.
- a4. National Aeronautics and Space Administration, Office of Grants and Research Contracts, Washington, D. C., Investigations of Molecular Gas Lasers (to be known as Office of Grants and Research Contracts Project No. 1093 - Sup. #7 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormonal Regulation of Cellular Processes (to be known as National Institutes of Health Project No. 1172-G - Ext. #7 - College of Biological Sciences).
Gross Value - \$11,233.00.
- a6. Department of Health, Education, and Welfare, Public Health Service, National Center for Air Pollution Control, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as National Center for Air Pollution Control Project No. 1220-G - Ext. #7 - Department of Chemistry).
Gross Value - \$108,689.00.

March 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a7. U. S. Atomic Energy Commission, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as U. S. Atomic Energy Commission Project No. 1398-A - Mod. #7 - Department of Chemistry).
Gross Value - \$20,000.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Genetic Analysis of Resistance to American Foulbrood (to be known as National Institutes of Health Project No. 1572-E - Ext. #5 - College of Biological Sciences).
Gross Value - \$19,200.00.
- a9. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as National Institutes of Health Project No. 1575 - Sup. #4 - College of Biological Sciences).
Gross Value - \$19,364.00.
- a10. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Child Health and Human Development, Bethesda, Maryland, Genetic Basis of Behavior Differences (to be known as National Institutes of Health Project No. 1633-E - Ext. #5 - College of Biological Sciences).
Gross Value - \$26,569.00.
- a11. National Center for Urban and Industrial Health, Public Health Service, Cincinnati, Ohio, A Study of the Biological Storage System (to be known as National Center for Urban and Industrial Health Project No. 1763-D - Ext. #4 - Department of Mathematics).
Gross Value - \$8,362.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Child Health and Human Development, Bethesda, Maryland, Phenylalanine Metabolism in Phenylketonuria (to be known as National Institutes of Health Project No. 1770-D - Ext. #4 - Department of Pathology).
Gross Value - \$20,282.00.
- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Research Support Grant (to be known as National Institutes of Health Project No. 1775-D - Ext. #4 - College of Dentistry).
Gross Value - \$43,651.00.

March 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a14. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Intermittent Services for Contributive Research in Thermo-Mechanics (to be known as Aeronautical Systems Division Project No. 1862 - Sup. #10 - Research Foundation Internal Supervision).
Gross Value - \$4,000.00.
- a15. U. S. Atomic Energy Commission, Argonne, Illinois, A Study of Radiation on the Biology and Population Dynamics of the Cereal Leaf Beetle, Oulema melanopa (L) (to be known as U. S. Atomic Energy Commission Project No. 1928-A - Mod. #4 - College of Biological Sciences).
Gross Value - \$15,000.00.
- a16. Air Force Office of Scientific Research, Arlington, Virginia, Simulation Studies of Organizational Behavior Under Stress (to be known as Air Force Office of Scientific Research Project No. 1946-B - Amend. C - Department of Sociology).
Gross Value - \$42,503.00.
- a17. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Behavioral Sciences Research Branch, Bethesda, Maryland, A Comparative Study of Anomie in the Kibbutz (to be known as National Institutes of Health Project No. 1956-C - Ext. #3 - Department of Psychiatry).
Gross Value - \$3,534.00.
- a18. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Tissue Culture of Human Bone Marrow (to be known as National Institutes of Health Project No. 2047-B - Ext. #2 - Department of Medicine).
Gross Value - \$14,014.00.
- a19. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Hypothesis Behavior in Concept Identification (to be known as National Institutes of Health Project No. 2166-B - Ext. #2 - Department of Psychology).
Gross Value - \$14,928.00.
- a20. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Studies on in Vivo Growth of Staphylococci (to be known as National Institutes of Health Project No. 2330-A - Ext. #1 - Department of Medical Microbiology).
Gross Value - \$25,621.00.

March 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a21. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Heart Institute, Bethesda, Maryland, Coronary Circulation and Myocardial Function (to be known as National Institutes of Health Project No. 2375-A - Ext. #1 - Department of Surgery).
Gross Value - \$23,514.00.
- a22. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Heart Institute, Bethesda, Maryland, Prevention of Hepatitis After Cardiovascular Surgery (to be known as National Institutes of Health Project No. 2380-A - Ext. #1 - Department of Medicine).
Gross Value - \$26,723.00.
- a23. Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Coherence of Carbon Dioxide Laser Transmission in the Atmosphere (to be known as Aeronautical Systems Division Project No. 2384 - Amend. #2 - Department of Electrical Engineering).
Gross Value - \$50,000.00.
- a24. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Neurological Diseases and Blindness, Bethesda, Maryland, Experimental Model of Phenylketonuria-Like Conditions (to be known as National Institutes of Health Project No. 2385-A - Ext. #1 - Department of Pathology).
Gross Value - \$30,293.00.
- a25. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, General Research Support Program (to be known as National Institutes of Health Project No. 2390-A - Ext. #1 - College of Pharmacy).
Gross Value - \$34,134.00.
- a26. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Mass Spectral Studies of Chlorin Biogenesis (to be known as National Institutes of Health Project No. 2402-A - Ext. #1 - Department of Chemistry).
Gross Value - \$16,563.00.
- a27. Department of Navy, Office of Naval Research, Washington, D. C., Research on Culture of Calcareous Green Algae (to be known as Office of Naval Research Project No. 2410 - Amend. #1 - Department of Botany).
Gross Value - \$18,921.00.

March 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a28. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Special Investigations on Materials and Associated Problems for the Air Force Materials Laboratory (to be known as Aeronautical Systems Division Project No. 2414 - Amend. #4 - Research Foundation Internal Supervision). Gross Value - \$7,660.00.
- a29. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Scattering of Electromagnetic Energy from Highly Conducting Bodies (to be known as Air Force Systems Command Project No. 2415 - Sup. #1 - Department of Electrical Engineering). Gross Value - \$50,000.00.
- a30. Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Experimental and Theoretical Investigations of Simulation Techniques in Rarefied Hypersonic Flows (to be known as Aeronautical Systems Division Project No. 2578 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$79,643.00.
- a31. National Science Foundation, Washington, D. C. , Lateral-Torsional Buckling of Transversely Loaded Arches (to be known as National Science Foundation Project No. 2582 - New - Department of Civil Engineering). Gross Value - \$23,700.00.
- a32. National Science Foundation, Washington, D. C. , The Environmental History of the Galapagos Islands (to be known as National Science Foundation Project No. 2583 - New - College of Biological Sciences). Gross Value - \$47,900.00.
- a33. Aeronautical Systems Division, Department of the Air Force, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Investigation (to be known as Aeronautical Systems Division Project No. 2584 - New - Department of Electrical Engineering). Gross Value - \$40,000.00.
- a34. National Science Foundation, Washington, D. C. , Inferotemporal Cortex and Visual Behavior (to be known as National Science Foundation Project No. 2588 - New - Department of Psychology). Gross Value - \$52,300.00.
- a35. U. S. Atomic Energy Commission, Argonne, Illinois, Pulse Radiolysis of Organic and Aquo-Organic Systems (to be known as U. S. Atomic Energy Commission Project No. 2589 - New - Department of Chemistry). Gross Value - \$35,980.00.

March 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a36. U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. , Acid Mine Drainage - An Analysis of the State of the Art (to be known as Federal Water Pollution Control Administration Project No. 2590 - New - Engineering Experiment Station).
Gross Value - \$28,811.00.
- a37. Aeronautical Systems Division, Aerospace Research Laboratories, Wright-Patterson Air Force Base, Ohio, Study of the Physics of Re-entry at Flight Enthalpies in the Range of Velocities from 10,000 to 60,000 Feet Per Second (to be known as Aeronautical Systems Division Project No. 2591 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$70,000.00.
- a38. National Science Foundation, Washington, D. C. , Chemistry of Metal Carbonyls (to be known as National Science Foundation Project No. 2593 - New - Department of Chemistry).
Gross Value - \$38,700.00.
- a39. National Science Foundation, Washington, D. C. , Development of a Graduate Laboratory Course on Vibrations of Solids and Structures (to be known as National Science Foundation Project No. 2595 - New - Department of Engineering Mechanics).
Gross Value - \$36,260.00.

TOTAL - Government Contracts - Federal \$1,198,119.00

2. Industrial and Other Contracts

- a1. American Petroleum Institute, New York, New York, Critical Properties of Hydrocarbon Mixtures (to be known as American Petroleum Institute Project No. 2029 - Ext. #3 - Department of Chemical Engineering).
Gross Value - \$20,000.00.
- a2. National Municipal League, New York, New York, The Effects of Reapportionment in Ohio (to be known as National Municipal League Project No. 2480 - Ext. #1 - Department of Political Science).
Gross Value - \$10,000.00.
- a3. The Epilepsy Foundation, Washington, D. C. , Seizure Patterns in Tuberous Sclerosis (to be known as The Epilepsy Foundation Project No. 2585 - New - Department of Medicine).
Gross Value - \$2,300.00.

TOTAL - Industrial and Other Contracts \$32,300.00

March 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

The foregoing forty-two contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,230,419.00.

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from January 20, 1968 through February 27, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

EES 220X Ext. #8	The Development of Sonic and Ultrasonic Power Devices for Applications in Highway Engineering, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$155,000.00.
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EES 279X Ext. #5	Investigation of Soil Structure Interaction in Culvert Pipes, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$40,020.00.
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SC 57 Ext. #4	An Indoctrination Course for Engineering Students to be Employed by the Ohio Department of Highways During University Vacation, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$3,000.00.
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TOTAL - Government Research Contracts \$198,020.00

2. Industrial Research Contracts

EES 309X	Application of Sonic Power in the Packaging Industry, The Continental Can Company, Chicago, Illinois. Gross Value - \$25,000.00.
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EES 310X	Weldability of Timken High Strength Steels, The Timken Roller Bearing Company, Canton, Ohio. Gross Value - \$2,878.00.
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March 14, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

2. Industrial Research Contracts (continued)

EES 250X	Thin Film Hall Effect Devices, F. W. Bell,
Ext. #9	Incorporated, Columbus, Ohio.
	Gross Value - \$3,000.00.

TOTAL - Industrial Research Contracts \$30,878.00

The foregoing six contracts for research in the Engineering Experiment Station represent a gross income of \$228,898.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since February 8, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$454,276.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the 1968 National Science Foundation Graduate Traineeship Program. This grant is to provide support for eighty-one graduate traineeships beginning in the fall of 1968 and extending for a period of nine or twelve months and for seventeen summer traineeships for graduate teaching assistants during the summer of 1968. This grant is under the direction of the Graduate School, and it will terminate on September 30, 1969. (GZ-928)
2. \$373,612.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Medicine, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 S01 FR05409-07)
3. \$86,900.00 granted by National Aeronautics and Space Administration, Washington, D. C., to the University for "Specialized Post-M. D. Training in Aerospace Medicine," under the direction of the Department of Preventive Medicine, for the period July 1, 1968 through June 30, 1970. (Grant No. NsG(T)-133)
4. \$86,802.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for construction of the undergraduate portions of a Humanities-Language Building. This grant was made under the Higher Education Facilities Act of 1963. (Project No. Ohio 4-5-00245-0)

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

5. \$85,062.00 granted by Department of Health, Education, and Welfare, Regional Office, 226 West Jackson Boulevard, Chicago, Illinois 60606, to the University for a supplemental grant for the Biological Sciences Building. (Project No. 4-5-00240-1)
6. \$68,908.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Veterinary Medicine, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 S01 FR05463-06)
7. \$57,965.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for an Institutional Assistance Grant under the Higher Education Act of 1965 (P. L. 89-329) for support of an "Elementary Experienced Teacher Fellowship Program - Reading," under the direction of the College of Education. (OEG-0-8-082183-2761 070)
8. \$44,016.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology Training Grant," under the direction of the Department of Ophthalmology, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 NB05461-04)
9. \$36,251.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Hematology and Cancer Chemotherapy," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 CA05192-03)
10. \$27,004.00 made available pursuant to Title I, Higher Education Act of 1965, through the Ohio Board of Regents for the following projects:
 - \$7,140.00 for "Educational Services for the Disadvantaged - A Money Management Seminar"
(Program No. 68-944-005)
 - \$6,486.00 for "Municipal Management Seminar"
(Program No. 68-944-006)
 - \$8,164.00 for "Community Development Seminars for Community Influentials in Small Urban Centers of Ohio"
(Program No. 68-944-007)
 - \$5,214.00 for "Public Safety Management Seminar"
(Program No. 68-944-008)

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

11. \$27,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Clinical Training - Heart," under the direction of the Department of Medicine, for the period March 1, 1968 through February 28, 1969. (Grant No. 5 T02 HE05035-15)
12. \$22,289.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Grant Support," (Health Center Library), under the direction of the Director of University Libraries, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 G01 LM 00190-02)
13. \$6,164.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for an Institutional Assistance Grant under the Higher Education Act of 1965 (P. L. 89-329) for support of a "Secondary Experienced Teacher Fellowship Program - Art," under the direction of the School of Art. (OEG-0-8-082154-2762 070)
14. \$6,136.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Library Resource Grant Support," (College of Veterinary Medicine Library), under the direction of the Director of University Libraries, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 G01 LM 00187-02)
15. \$3,710.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University as a supplemental award for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Health Professions, for the period July 1, 1967 through June 30, 1968. (Grant No. AHT-68-010 A)

TOTAL - Through the Office of Business and Finance \$1,384,095.00

B. Received Through The Ohio State University Development Fund

1. \$90,000.00 by a bequest under the Will of Mrs. Idalia Bradfield for the establishment of the Bradfield-Watrous Memorial Fund.

The Bradfield-Watrous Memorial Fund

The Bradfield-Watrous Memorial Fund was established March 14, 1968, by the Board of Trustees of The Ohio State University with a bequest from Idalia Bradfield, Columbus, Ohio, through The Ohio State University Development Fund.

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

1. The Bradfield-Watrous Memorial Fund (continued)

The bequest is to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income is to be used annually for scholarship awards to worthy medical students enrolled in The Ohio State University. Selection of students is to be made by the Dean of the College of Medicine. The students so selected must make an affidavit of loyalty to the United States of America.

2. \$15,000.00 from Buckeye Steel Castings Company, Division of Buckeye Industries, Inc., (J. William Henderson, President), for the John W. Bricker Professorship in the College of Law.
3. \$14,602.50 from the C. R. Porthouse Charitable Trust for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
4. \$12,500.00 from Payne Fund, Inc., for the Payne Fund Communications Research.
5. \$10,068.75 from Everett D. Reese for the Dr. Robert M. Zollinger Research Fund in the College of Medicine.
6. \$10,000.00 from American Dairy Association, Chicago, Illinois, for the American Dairy Association Research Fund.
7. \$9,686.00 from The Charles F. High Foundation for The Charles F. High Foundation Scholarship Fund.
8. \$8,000.00 from G. D. Searle and Company for the G. D. Searle and Company Fund for Research in Medicine.
9. \$6,000.00 from Corn Refiners Association, Inc., Washington, D. C., for the Corn Industries Research Foundation Fund.
10. \$5,945.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
11. \$5,000.00 from The Proprietary Association, Washington, D. C., for the Self-Medication Study Fund in the College of Pharmacy.
12. \$5,000.00 from General Electric Company, Ossining, New York, for a Research and Study Grant in Aeronautical and Astronautical Engineering.
13. \$4,550.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

14. \$3,400.00 from The Procter & Gamble Company for the Ohio Florists Association Fellowship Fund.
15. \$3,037.00 for the establishment of the Bertha Alice Watts Mount Memorial Fund.

Bertha Alice Watts Mount Memorial Fund

The Bertha Alice Watts Mount Memorial Fund was established March 14, 1968, by the Board of Trustees of The Ohio State University, with gifts through the Development Fund from the family and friends of Bertha Alice Watts Mount, the late wife of Vice President John T. Mount.

All gifts are to be placed in the University's investment portfolio under the rules and regulations adopted by said Board of Trustees, with the right to invest and reinvest as occasion dictates.

Income is to be used to assist students working toward any professional degree offered by the University through the College of Medicine, its schools and divisions. The purpose of said assistance is to recognize outstanding academic achievement and unselfish dedication to the ideals of the medical profession with financial support of professionally broadening and enriching experiences beyond those normally provided through the regular academic curriculum.

Selection of the students to be so assisted is to be made by a committee appointed by the President of the University. The said committee shall include among its members the Dean of the College of Medicine or his designee.

In the event the need for such financial support ceases to exist or so diminishes as to create unused income, then the Board of Trustees of The Ohio State University may use said income in its discretion.

16. \$3,000.00 from Ohio Florists Association for the Ohio Florists Association Fellowship Fund.
17. \$2,040.65 from Ullery, Vorys, Teteris, Neri & Associates for the Medical Research Consultants Fund.
18. \$2,000.00 from Dr. Howard Francis Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
19. \$2,000.00 from Mrs. Howard Francis (Enid H.) Seely for the Maribelle Seely Baker Memorial Scholarship Fund.
20. \$1,500.00 from Universal Oil Products Foundation, Des Plaines, Illinois--\$1,000.00 for the Universal Oil Products Company Scholarship Fund in Chemical Engineering and \$500.00 as an unrestricted gift to the College of Engineering.

March 14, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

21. \$1,252.50 from Seward D. Schooler as an unrestricted gift to the University.
22. \$1,202.50 from African-American Institute for the African-American Institute Fellowship Fund.
23. \$1,056.60 from Dr. Lionel E. Dorfman for the Fund for Progress in Urology.
24. \$1,000.00 from John W. Bricker for the Novice G. Fawcett Professorship in Educational Administration.
25. \$1,000.00 from Chevron Oil Company, The California Company Division, New Orleans, Louisiana--\$500.00 for support of a student majoring in geology and \$500.00 as an unrestricted gift to the Department of Geology.
26. \$1,000.00 from William B. Hoyer for the Presidents Club Special Fund.
27. \$1,000.00 from George M. Levine (\$500.00 through the Columbus Jewish Welfare Association and \$500.00 through Harsco Corporation Matching Gift Fund) for the Michael S. Melton Hebrew Library Fund.
28. \$1,000.00 from Carl B. Marquand for the Carl B. Marquand Fund for Continuing Education.

TOTAL - Received Through The Ohio State University Development Fund
\$221,841.50

C. Funds Received for Royalties Account

\$30,000.00 received in payment for use of patent rights owned by The Ohio State University to be deposited in the fund identified as Royalties Account No. 179027 established by the Board of Trustees at the September 14, 1967 meeting.

D. Establishment of a New Fund from a Previously Reported Gift

1. The Charles G. Bond Law Library Fund was established March 14, 1968, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Charles G. Bond, LL. B. '99, New York, New York.

This gift is to be placed in the University's Investment Portfolio, under rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

IV. GRANTS AND GIFTS (continued)

D. Establishment of a New Fund from a Previously Reported Gift (continued)

1. The Charles G. Bond Law Library Fund (continued)

The purpose of this fund is to provide support for The Ohio State University College of Law Library. Both principal and annual income may be used to support the Law Library in whatever manner deemed appropriate by the Dean of the College of Law.

In the event that the College of Law as it now exists shall be altered in any reorganization of University colleges, schools, and departments, the Board of Trustees or successor governing body of the University shall direct use of the income for the above purpose within the field of law as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

(The amount deposited in this fund now totals \$11, 771.13.)

Upon motion of Mr. Shocknessy, seconded by Dr. Thomas, the acceptance of the foregoing grants, gifts, royalties, and the establishment of the above-named funds were approved by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.

E. Report from The Ohio State University Development Fund

In January, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	776	\$166, 972. 98
Individuals other than alumni	270	9, 848. 30
Nonprofit organizations	48	245, 074. 31
Business concerns	43	63, 834. 27
	<u>1, 137</u>	<u>\$485, 729. 86</u>

Of these gifts, 568 totaling \$5, 640. 83 were undesignated and 569 totaling \$480, 089. 03 were designated.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Starling Loving Hall - Modernization of Electrical System

This project will provide new distribution and branch circuit panel boards and new conduit and wire to feed each panel in the "B" and "M" Wings.

March 14, 1968 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS (continued)

A. Starling Loving Hall - Modernization of Electrical System (continued)

Funds for this project will be provided by a transfer from Budget Account 960200 Hospital Rotary to Budget Account 801156 (Construction Account for Starling Loving Electric System).

B. McCracken Power Plant - Elevator Modernization

This project will provide a new car, entrances, and controls for a modern service elevator to eliminate the hazardous conditions and maintenance problems on the present unit serving the Service Shops.

Funds for this project will be provided by a transfer from Budget Account 121658 (Contract Repairs) to Budget Account 801155 (McCracken Power Plant Elevator).

Upon motion of Mr. France, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. McCracken Power Plant - Installation of Emergency Generator

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 1-31-68)		
Frank Vlack Co., Inc. (Columbus)	\$ 6,292.00	\$ 7,000.00
<u>Mechanical Contract</u>		
(1 bid received 1-31-68)		
Kelly Sheet Metal (Columbus)	8,641.00	10,000.00
<u>Electrical Contract</u>		
(3 bids received 1-23-68)		
American Electric Works (Columbus)	5,200.00	12,000.00
<u>Total All Contracts</u>	<u>\$ 20,133.00</u>	<u>\$ 29,000.00</u>

Funds for this project are provided from transfers from Budget Account 801079 Power Tie In and Budget Account 801107 Emergency Lighting System to Budget Account 801119 Emergency Generator.

March 14, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. McCracken Power Plant - Modernization of No. 3 Boiler

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(5 bids received 2-8-68)		
Guenther Plumbing and Heating		
(Ashland, Ohio)	\$ 53,148.00	\$ 63,600.00

Funds for this project are provided by a transfer from Budget Account 121658 Contract Repair to Budget Account 801149 Modernization of Boiler #3.

C. University College Utilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Utilities Contract</u>		
(5 bids received 2-8-68)		
The Fishel Co. (Columbus)		
Base Bid	\$ 663,809.35	\$ 707,131.00
<u>Electrical and Telephone Contract</u>		
(1 bid received 2-8-68)		
The Fishel Co. (Columbus)		
Base Bid	\$ 57,427.00	\$ 49,580.00
Alt. E-1 Underground Conduit - West Section	31,640.00	25,400.00
Alt. E-2 Underground Conduit - University College Campus	85,990.00	96,620.00
Alt. E-3 Underground Conduit - Under Railroad	13,100.00	16,970.00
Total	<u>\$ 188,157.00</u>	<u>\$ 188,570.00</u>
<u>Total All Contracts</u>	<u>\$ 851,966.35</u>	<u>\$ 895,701.00</u>

Funds for this project will be provided by a transfer from Account 235-008 Technical Institutes, Community Colleges, and University Branches to Account 315-057 University (General) College Utilities, H. B. 886.

March 14, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Center for Tomorrow

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 2-6-68)		
Knowlton Construction Co.		
(Bellefontaine, Ohio)		
Base Bid	\$2,744,000.00	\$2,685,995.00
Alt. G-2 Add Unfinished Floor	51,400.00	95,000.00
Alt. G-3 Mail Chute	3,900.00	4,500.00
Extend Mail Chute for Unfinished Floor	300.00	500.00
Alt. G-5 (1) Fixed Seating	43,000.00	35,000.00
Alt. G-7 Finish Conference Rm. N113	3,900.00	16,300.00
Alt. G-8 Finish Conference Rm. E103	3,800.00	7,200.00
Alt. G-9 Paint Guest Room Walls	4,800.00	29,100.00
Alt. C-3 Ext. Elevators 1 and 2	3,000.00	10,000.00
Total	<u>\$2,858,100.00</u>	<u>\$2,883,595.00</u>

Plumbing Contract

(4 bids received 2-23-68)

Montoney's Heating & Piping Co.

(Grove City, Ohio)

Base Bid	\$ 439,700.00	\$ 460,000.00
Alt. P-1 Additional Floor	7,400.00	8,242.00
Alt. P-3 Bath Tub Surface	500.00	800.00
Total	<u>\$ 447,600.00</u>	<u>\$ 469,042.00</u>

Heating, Ventilating, and Air

Conditioning Contract

(2 bids received 2-23-68)

The Huffman-Wolfe Co. (Columbus)

Base Bid	\$ 853,600.00	\$ 865,000.00
Alt. M-1 Additional Floor	3,380.00	4,500.00
Alt. M-8 Finish Conference Rm. N113	900.00	1,400.00
Alt. M-9 Finish Conference Rm. 103	500.00	1,200.00
Total	<u>\$ 858,380.00</u>	<u>\$ 872,100.00</u>

Electrical Contract

(2 bids received 2-23-68)

Electric Power Equipment Co.

(Columbus)

Base Bid	\$ 746,610.00	\$ 785,700.00
Alt. E-1 Additional Floor	4,232.00	4,500.00
Alt. E-5 Emergency Lights	7,422.00	10,500.00
Alt. E-6 Light Dimmer (Conference Dining Rooms)	6,735.00	7,000.00
Alt. E-9 Finish Conference Rm. N113	17,538.50	25,000.00
Alt. E-10 Finish Conference Rm. E103	7,023.00	15,000.00
Total	<u>\$ 789,560.50</u>	<u>\$ 847,700.00</u>

March 14, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Center for Tomorrow (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Kitchen Equipment Contract</u>		
(3 bids received 2-23-68)		
Louis R. Polster Co. (Columbus)		
Base Bid	\$ 158,620.00	\$ 165,000.00
<u>Stage Equipment Contract</u>		
(Studio A and Auditorium Stage Only)		
(1 bid received 2-6-68)		
Tiffin Scenic Studios, Inc.		
(Tiffin, Ohio)		
Base Bid	\$ 6,500.00	\$ 6,525.00
<u>Total All Contracts</u>	<u>\$5,118,760.50</u>	<u>\$5,243,962.00</u>

Funds for this project are provided from Budget Account 801035 (Construction Account for Center for Tomorrow).

E. Student Health Facility

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 3-1-68)		
Knowlton Construction Co.		
(Bellefontaine, Ohio)		
Base Bid	\$1,061,300.00	\$1,073,150.00
Alt. G-1 Pneumatic Tube System	41,000.00	41,000.00
Total	<u>\$1,102,300.00</u>	<u>\$1,114,150.00</u>
<u>Plumbing Contract</u>		
(4 bids received 2-21-68)		
The Gesling Company		
(Lancaster, Ohio)		
Base Bid	\$ 148,750.00	\$ 165,800.00
<u>Heating and Air Conditioning Contract</u>		
(6 bids received 2-21-68)		
The Gesling Company		
(Lancaster, Ohio)		
Base Bid	<u>\$ 364,250.00</u>	<u>\$ 380,000.00</u>

March 14, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

E. Student Health Facility (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (5 bids received 2-21-68) Mid-City Electric Co. (Columbus)		
Base Bid	\$ 175,849.00	\$ 210,000.00
Alt. E-1 Pneumatic Tube System	4,768.00	3,000.00
Alt. E-5 Intercom and Call System	15,958.00	16,500.00
Total	<u>\$ 196,575.00</u>	<u>\$ 229,500.00</u>
 <u>Total All Contracts</u>	 <u>\$1,811,875.00</u>	 <u>\$1,889,450.00</u>

Funds for this project were provided by a transfer from the Student Facilities Fee Account to Budget Account 801066 (Construction Account - Student Health Facility).

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VII. CONTROLLING BOARD AND EMERGENCY BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

A. Controlling Board Approvals

- 28 Approves the transfer and release of \$34,700.00 from Item 016 Medical Complex to Item 062 School of Allied Medical Services to provide funds for the preparation of preliminary plans for a facility to house the School of Allied Medical Services.
- 31 Approves the acquisition of property commonly known as 2460 Kenny Road.

B. Emergency Board Approvals

- 12 Approves a grant in the amount of \$23,665.00 by the Emergency Board to restore damage to the Physics Building caused by fire and to purchase without competitive bidding for the repairs.

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VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Transportation Research Center - Easement for Power Line Right-of-Way and Right-of-Way Tree Permit

The Dayton Power and Light Company has requested permission to construct a 138 KV transmission line across property comprising the site of the Transportation Research Center west of U. S. Route 33. The Dayton Power and Light Company has obtained easements to construct the transmission line and, at the University's request are willing to change the proposed right-of-way to better conform to the University's proposed facilities.

President Fawcett recommended, therefore, that the granting of a reasonable right-of-way easement and a right-of-way tree permit to the Dayton Power and Light Company be approved. It was further recommended that the President and/or the Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the transmission line and to develop the necessary legal instruments to cancel the existing easements.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the above recommendations were approved by unanimous roll call vote.

B. Medical Center - Easement to Provide for Relocation of 30" Sanitary Sewer West of Dodd Hall

Easements for the construction or relocation of existing utility lines will be required for the completion of the Medical Center Complex. President Fawcett recommended that a new easement be granted to the City of Columbus to relocate a 30" sanitary sewer west of Dodd Hall.

It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal documents to provide for this easement and to cancel the existing easement on that portion of the sewer to be abandoned.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

C. Laneview Area - Acquisition of Property for Educational, Research, and Service Facilities

President Fawcett presented the following resolution for consideration by the Board of Trustees:

WHEREAS, The Ohio State University has acquired certain parcels of real property bounded on the east by the Chesapeake and Ohio Railway, on the south by Lane Avenue, on the west by Kenny Road, and on the north by lands titled in the name of the State of Ohio; and

March 14, 1968 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. Laneview Area - Acquisition of Property for Educational, Research, and Service Facilities (continued)

WHEREAS, the University in planning to meet a portion of the needs of its students and its programs from the standpoint of educational, research, and service facilities, will be required to acquire most, if not all, of the land lying between the Chesapeake and Ohio Railroad, Lane Avenue, Kenny Road, and State of Ohio owned lands; and

WHEREAS, the Trustees of The Ohio State University deem that the acquisition of this land is mandatory in meeting the needs of the University and serving the people of the State of Ohio; and therefore find it necessary to proceed with the acquisition of real property therefor;

NOW BE IT RESOLVED, that the Vice President for Business and Finance be authorized and directed to proceed with the purchase of certain residential real estate within the area outlined above with funds not to exceed \$35,000.00 available in the University Treasurer and General Fund and, in the event negotiations to purchase said property at a fair and just compensation should fail, then, pursuant to his statutory authority, the Director of Public Works shall be requested to exercise the right of "eminent domain" and acquire by condemnation for the State of Ohio and said University the following described tract of real estate located in Clinton Township, Franklin County, Ohio:

Being Lots Numbered 19, 21, 22, 31, 40, 70, and 71, inclusive,
2nd Wood-Brown County Addition.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above resolution was adopted by unanimous roll call vote.

D. Acquisition of Property, 3253 Granville Road, Worthington, Ohio

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, the following resolution was presented with the recommendation that it be adopted:

WHEREAS, The Ohio State University Board of Trustees authorized on December 10, 1964, the investment in real property in the University Airport area; and

WHEREAS, pursuant to that authority an agreement has been negotiated to purchase 74.070 acres located at 3253 West Granville Road, Worthington, Ohio, from Gail McGurer et al. The property to be acquired and transferred to the University is to be purchased in ten equal installments with the first installment to be paid on the date of closing and the other nine installments to be paid on the same day and month of each year thereafter until fully paid; and

WHEREAS, the total farm surveyed contains 76.063 acres and The Ohio State University is given an option to purchase the remaining 1.993 acres containing the house and all outbuildings for the sum of \$20,000.00 at some future date;

March 14, 1968 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Acquisition of Property, 3253 Granville Road, Worthington, Ohio (continued)

NOW, THEREFORE, BE IT RESOLVED that with the concurrence of the Finance and Investment Committee of the Board of Trustees, it was now recommended that the agreement to purchase the above-identified property in accordance with the conditions as set forth be approved; furthermore, that the Board of Trustees authorize the President and/or the Vice President for Business and Finance to execute the agreement to purchase and the promissory note setting forth the terms of the installment purchase.

Upon motion of Mr. France, seconded by Mr. Safford, the Board of Trustees adopted the above resolution and approved the purchase of the above-identified property by unanimous roll call vote.

E. Acquisition of Property, 1991 Kenny Road

The following resolution, authorizing the purchase of real property for the Investment Portfolio, was presented with the recommendation that it be adopted:

WHEREAS, the Finance and Investment Committee of the Board of Trustees of The Ohio State University on December 14, 1967, authorized the Vice President for Business and Finance to negotiate the purchase of 6.33 acres of land and buildings, located on Kenny Road adjacent to the University College area, from the Battelle Memorial Institute from funds available in the Investment Portfolio; and

WHEREAS, said purchase has now been negotiated in accordance with said authorization;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of The Ohio State University authorize the President and/or the Vice President for Business and Finance to proceed to execute the necessary documents to complete purchase of the above property as part of the Investment Portfolio.

Upon motion of Mr. Hilliker, seconded by Mr. France, the above resolution was adopted by unanimous roll call vote of the six members who voted. Dr. Thomas abstained from voting since the resolution authorized the purchase of property from Battelle Memorial Institute where Dr. Thomas serves as President.

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IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Olin Harris Moore, Professor Emeritus of Romance Languages, and Alvin E. Coons, Professor in the Department of Economics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

March 14, 1968 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Olin Harris Moore

The Board of Trustees expresses its sorrow at the death on February 14, 1968, of Olin Harris Moore, Professor Emeritus of Romance Languages.

Professor Moore was born in Mt. Airy, North Carolina, on January 27, 1885. He received his A. B. degree from the University of Missouri in 1902, his A. M. degree from Harvard in 1904, and his Ph. D. degree in Romance Languages at the same institution in 1913. During World War I, he did hospital service in France in the Hôpital Militaire in the Château de Passy in the summer of 1915. He traveled frequently in Europe and studied in Paris, France; Madrid, Spain; and Florence, Italy. He was widely trained in French, Spanish, and Italian languages and literatures, including both the old and modern periods. He taught in Millsaps College, Jackson, Mississippi; Phillips Academy, Andover, Massachusetts; and the University of Illinois. After one year as Associate Professor at Northwestern University, he came to The Ohio State University in 1920 as Professor of Romance Languages, in which rank he served for thirty-five years with characteristic ability and thoroughness as teacher and scholar until his retirement in 1955.

Professor Moore was elected to Phi Beta Kappa at the University of Missouri in 1902. After several student scholarships, he held the Parker Traveling Fellowship at Harvard in 1910-11. He was an active member of the Modern Language Association of America, often contributing scholarly articles to its Publications, and also to other learned journals. He was a member of the American Association of University Professors and, in 1937, held the national Presidency of the American Association of Teachers of Italian. He was the author of Elements of French, Henry Plantagenet: The Young King, Legend of Romeo and Juliet, an edition of Victor Hugo's play, Ruy Blas, and of an article, "Mark Twain and Don Quixote," which drew wide attention among students of Mark Twain. With departmental colleagues, Robert Fouré, D. P. Rotunda, George R. Havens, and Walter Meiden, he collaborated on several important textbooks in French and Italian.

During World War II, Professor Moore taught a special class in spoken Italian for carefully selected servicemen. He was a thorough and remarkably objective scholar, widely informed about many things far beyond his field of specialization. Professor Moore was an able exponent of chess and his games with opponents at the Faculty Club always drew an interested group of spectators, eager to watch every move in his rapid and sure play.

On behalf of the University at large, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

March 14, 1968 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Alvin E. Coons

The Board of Trustees expresses its sorrow at the death on February 22, 1968, of Alvin E. Coons, Professor in the Department of Economics.

Professor Coons was born February 3, 1908, in Iowa. He pursued undergraduate and graduate work at the State University of Iowa and came to The Ohio State University as an Assistant Professor of Economics in 1946. Before joining the faculty at The Ohio State University, he taught at South Dakota State College and the State University of Iowa. During World War II, Dr. Coons served in the Mediterranean Theatre, including among his missions in the Air Corps, participation in the strategic raids on the Ploiesti oil fields in Roumania. He was honorably discharged at the war's end with the rank of Major.

While most of his time at The Ohio State University was spent in teaching, Dr. Coons served as Assistant to the Director of The Ohio State University Research Foundation from 1952 to 1956. In 1956-1957, he held a Ford Foundation faculty fellowship and carried on research in England and Sweden. He was the author of a number of publications in the field of economics and served as editor of a textbook series in economics. As a teacher, Dr. Coons was very well liked by his students to whom he devoted a great deal of extra time.

During the last six years of his life, Dr. Coons became much concerned about the housing problems and living conditions of low-income families in the "inner city" of Columbus. To understand more fully the problems of these people he moved into their community and with the help of others, including the Federal Government, proceeded to renovate run-down property and rebuild parts of the depressed communities. His work attracted wide recognition in Ohio and elsewhere; and heads of social agencies, civil rights organizations, civic leaders, and others held the "dedicated bachelor" in the highest esteem.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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March 14, 1968 meeting, Board of Trustees

X. REPORTS

A. Report from the Finance and Investment Committee

1. Resolution Approving and Providing for the Execution of a Loan Agreement, and Numbered Contract No. H(402) 3007, by and Between The Ohio State University and the United States of America for Project CH-Ohio-216(D)

Mr. France, Chairman of the Finance and Investment Committee of the Board of Trustees, presented the following resolution:

BE IT RESOLVED BY THE BOARD OF TRUSTEES OF THE OHIO STATE UNIVERSITY, that:

SECTION 1. The pending Loan Agreement, Numbered Contract No. H(402) 3007, dated as of January 1, 1968, relating to the construction on the campus of The Ohio State University an educational institution of higher learning located in Columbus, Ohio, of a new 13-story dormitory building to provide housing for approximately 504 graduate students and a Building Supervisor (Project CH-Ohio-216(D)), by and between The Ohio State University and the United States of America, is hereby in all respects approved.

SECTION 2. The President or the Vice President, Business and Finance, of the University is hereby authorized and directed to execute the said Loan Agreement in two counterparts on behalf of The Ohio State University and the Board of Trustees of The Ohio State University, and the Secretary of the Board of Trustees is hereby authorized and directed to impress and attest the official seal of The Ohio State University on each such counterpart and to forward two such counterparts to the Department of Housing and Urban Development, together with such other documents relative to the approval and execution of such counterparts and to this Resolution as may be required by the Government.

Upon motion of Mr. France, seconded by Mr. Safford, the above resolution was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated March 7, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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March 14, 1968 meeting, Board of Trustees

XI. DISCUSSION OF COURT CASES PENDING AGAINST STUDENTS
AND OTHERS WHO WERE ARRESTED RECENTLY

Mr. Safford stated that while he knew it was not on the agenda for action, it had come to his attention that some consideration is being given to the possible dismissal of the court cases against students and others who were arrested recently on the charge of trespassing, and he requested that the record show that he was personally opposed to a dismissal of the charges against those who were arrested on the above-referred-to charge.

Messrs. Shocknessy and Hilliker indicated their agreement with Mr. Safford's position on the subject. Mr. Ketterer, in response to a question directed to him by Mr. Shocknessy, indicated that he subscribed in general to the views of those expressed.

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Thereupon the meeting adjourned and the members of the Board of Trustees and administrative officers of the University moved to the site where the first shovel of earth was turned to mark the beginning for the Center for Tomorrow building. The next meeting of the Board will be Thursday, April 11, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

John T. Mount
Secretary

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APPENDIX IV

Amendments to Constitution of The Ohio State University Development Fund

as Approved by the Board of Directors
of The Ohio State University Development Fund
on March 2, 1968

Adopted by Board of Trustees March 14, 1968
(See page 481)

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Amendments to Constitution of The Ohio State University Development Fund

The Board of Directors of The Ohio State University Development Fund at its regular meeting on Saturday, March 2, 1968, pursuant to Article V, Section 1, of the Constitution of The Ohio State University Development Fund, adopted the following resolutions:

BE IT RESOLVED that Section 1 of Article II of said Constitution be amended to read as follows:

Section 1. Number: The Board of Directors shall be twenty (20) in number.

BE IT FURTHER RESOLVED that Section 3 of Article II of said Constitution be amended to read as follows:

Section 3. Manner of Selection: Ten (10) of the Directors, at least one (1) of whom shall be a woman, shall be elected by the Board of Directors of The Ohio State University Association, two (2) shall be elected by the Board of Trustees, one (1) at least of whom shall be a member of the Board of Trustees; five (5) shall be appointed by the President of the University; and three (3) shall represent the University Administration, and these three representatives shall be the President, one of the Vice Presidents to be appointed by the President, and the chief financial officer of the University.

BE IT FURTHER RESOLVED that Section 4 of Article II of said Constitution be amended to read as follows:

Section 4. Tenure: Each director elected by the Board of Directors of The Ohio State University Association shall serve for a period of five (5) years, except that:

- (a) All such directors now in office shall serve until the ends of the terms for which they were elected.
- (b) The five (5) new alumni directors shall serve respectively for terms of one year, two years, three years, four years, and five years.

Trustee directors shall serve for a period of one (1) year each.

The five (5) directors appointed by the President of the University shall serve for a period of five (5) years, except that the first group of such directors shall serve respectively for terms of one year, two years, three years, four years, and five years.

The three (3) directors representing the University Administration shall serve during their terms of office as members of the University Administration.

Amendments to Constitution of The Ohio State University Development Fund (continued)

BE IT FURTHER RESOLVED that Section 8 of Article II of said Constitution be amended to read as follows:

Section 8. Quorum. A quorum shall be twelve (12) members of the Board of Directors. Except as provided in Article V, Section 1, of this Constitution, all actions of the Board of Directors shall be determined by the majority vote of the directors in attendance at a meeting at which a quorum is present.

AND BE IT FURTHER RESOLVED that Section 2 of Article III of said Constitution be amended to read as follows:

Section 2. The Chairman. The Chairman shall be elected by the Board of Directors from among the ten (10) directors elected by The Ohio State University Association.

APPENDIX V

**Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION**

March 15, 1968

Page 518 is blank

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

Seventy-three candidates

- William Michael Baird**.....Springfield
 A.B. (Wittenberg University); M.A.
Dissertation: Collective Bargaining by Registered Nurses
Field of Specialization: Economics
- Harold Dean Bauman**.....Worthington
 B.S., M.S. (Oklahoma State University)
Dissertation: Farm Mortgage Credit: An Analysis of Factors Influencing Its Supply and Demand
Field of Specialization: Agricultural Economics and Rural Sociology
- Sushil Kumar Bhalla**.....Kanpur, India
 B.Sc. (University of Delhi); B.Sc. (Agra University); M.Tech. (Indian Institute of Technology)
Dissertation: Effect of Various Substrates on the Nucleation of Supersaturated Solutions of Potassium Chloride
Field of Specialization: Chemical Engineering
- Sanford Parsons Bishop**.....Springfield, Pa.
 D.V.M. (Cornell University); M.Sc.
Dissertation: Functional, Morphologic, and Biochemical Pathology of Spontaneous and Experimental Right Ventricular Hypertrophy and Congestive Heart Failure in the Dog
Field of Specialization: Veterinary Pathology
- Margaret Herr Cantrell**.....Oxford
 B.S. in H.E., M.S. (Kansas State University)
Dissertation: An Investigation of Adult Empathy for Children as Measured by the Dawe-Jones Test Including Its Relation to Sibling Position
Field of Specialization: Home Economics
- William Sherman Cariens**.....Parma Heights
 B.M.E., M.Sc.
Dissertation: The Use of Artificial Thermodynamic States to Predict Properties of Hydrocarbon Gas Mixtures at Zero Pressure
Field of Specialization: Mechanical Engineering
- David Garvin Cartano**.....Monticello, Ia.
 B.S. (Iowa State University); M.Sc.
Dissertation: Social Integration and Conflict in a Developing Community of the Colombian Interior
Field of Specialization: Agricultural Economics and Rural Sociology
- Henry Francis Cole**.....Parma
 B.S.Pharm. (Ohio Northern University); M.Sc.
Dissertation: The Effects of Some Selected Central Nervous System Depressants on Certain Genetically Influenced Behaviors in Mice
Field of Specialization: Pharmacy
- Caspar Cronk**.....Wellesley, Mass.
 A.B. (Harvard University)
Dissertation: Glaciological Investigations Near the Ice Sheet Margin, Wilkes Station, Antarctica
Field of Specialization: Geology

- George Dewane Davis**.....Bowie, Md.
 B.S. in Edu. (Kent State University); M.A.
Dissertation: An Examination of Dialogue and Certain Other Factors and Their Influence on Interaction between the Client and the Therapist in the Therapeutic Process in Speech and Hearing
Field of Specialization: Speech
- James Arthur Davis**.....Worthington
 B.Met.E., M.Sc.
Dissertation: Local Dissolution Phenomena Occurring on Iron-Chromium-Nickel Alloys: An Electron Microscopic Study
Field of Specialization: Metallurgical Engineering
- Donald Richard Domm**.....Fremont
 B.S. in Ed. (Bowling Green State University); M.A.
Dissertation: A Study of the Personality, Attitude toward Others, and Attitude toward Service of the Service-Oriented Employee
Field of Specialization: Business Organization
- Daniel Howard Doster**.....Waynesville
 B.Sc. in Agr., M.Sc.
Dissertation: Feasibility of Producing Processing Vegetables on Irrigated Corn Belt Land
Field of Specialization: Agricultural Economics and Rural Sociology
- Thomas Eschman Dunham**.....Granville
 B.Met.E.
Dissertation: A Theoretical and Experimental Study of the Angular Distribution of Flux from a Knudsen Cell
Field of Specialization: Metallurgical Engineering
- Franklin Haddox Dye**.....Big Rapids, Mich.
 B.S., Ed.M. (Boston University)
Dissertation: Office Work Perceptions Held by Tenth Grade Female Students Enrolled in Urban High Schools Serving Disadvantaged Youth
Field of Specialization: Education
- Ray Eugene Eiben**.....Bloomington, Ill.
 B.A. (Iowa State Teachers College); M.A. (Roosevelt University)
Dissertation: Counselor-Counselee Personal Orientation and Post-Interview Affect
Field of Specialization: Education
- Charles Arthur Ekstrom**.....Columbus
 A.B. (Denison University); M.A.
Dissertation: Community Social Structure and Issue Differentiation: A Study in the Political Sociology of Welfare
Field of Specialization: Sociology
- Gameh Moustafa Gameh**.....Cairo, Egypt
 B.Sc. (Agr.) (Cairo University); M.Sc.
Dissertation: Growth Potential of Muskingum County, Ohio: An Economic Base and Input-Output Study
Field of Specialization: Agricultural Economics and Rural Sociology
- Frederick George Gebhardt**.....Columbus
 B.E.E., M.Sc.
Dissertation: The Log-Amplitude Mean Value for Laser Beam Propagation in the Atmosphere with Applications for Optical Communications
Field of Specialization: Electrical Engineering

- Paul Logan Gersper**.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: Effects of Stemflow Water on Soil Formation under Beech Trees
Field of Specialization: Agronomy
- Hardyal Singh Gill**.....Ludhiana, India
 B.Sc. (East Punjab University); M.Sc. (Punjab University)
Dissertation: Some Effects of Atrazine, Amitrole, 2, 4-D and Eptam on Growth, Transpiration and Mineral Absorption in *Cyperus esculentus*, *Triticum sp.*, and *Zea mays*
Field of Specialization: Botany
- Lynn Edward Gill**.....Seal Beach, Calif.
 B.S. (Michigan State University); M.B.A. (University of Southern California)
Dissertation: A Graph Theory Interpretation of Distribution Channel Structure
Field of Specialization: Business Organization
- John Merton Goode**.....Kansas City, Kans.
 B.A. (Kansas State Teachers College); M.A.
Dissertation: The Development of an Instrument to Evaluate Certain Practices in Science Supervision
Field of Specialization: Education
- Joseph Leo Hackett**.....Middletown
 B.Sc. in Med. Tech., M.Sc.
Dissertation: Mixed Experimental Histoplasmosis and Blastomycosis in Mice
Field of Specialization: Pathology
- Marvin Harvey Hammond, Jr.**.....Great Bend, Kans.
 B.S.E.E., B.S., M.S. (Kansas State University)
Dissertation: Optimum Finite Sequential Pattern Recognition Using the Maximum Principle of Pontryagin
Field of Specialization: Electrical Engineering
- Riaz ul Hassan**.....Lyallpur, West Pakistan
 B.A. (Government College, Lyallpur); M.A. (Dacca University)
Dissertation: The Belief Systems and Job Satisfaction of Rural Migrant and Non-Migrant Workers in an Urban Area
Field of Specialization: Sociology
- John James Horvat**.....Bloomington, Ind.
 B.Sc. in Edu., M.A.
Dissertation: A Quasi-Experimental Study of Behavior in the Professional Negotiations Process
Field of Specialization: Education
- Jeptha Ray Hostetler**.....Dalton
 B.A. (Goshen College)
Dissertation: Lymphopoiesis and Lymph Node Histogenesis in the Embryonic and Neonatal Rabbit
Field of Specialization: Anatomy

- Jagjit Singh Jawanda**.....Ludhiana, India
 B.Sc., M.Sc. (University of the Punjab)
Dissertation: Morphological and Anatomical Studies of Stock-Scion Compatibility in Apple with Special Reference to Manchurian Crab-apple, *Malus baccata*, var. Mandshurica, Maxim
Field of Specialization: Horticulture and Forestry
- Lloyd Garner Jones**.....Dallas, Tex.
 B.Pet.E., M.Sc.
Dissertation: Thixotropic Behavior of a Colloidal Suspension
Field of Specialization: Chemical Engineering
- Vivekananda Kandarpa**.....Eluru, India
 B.Sc. (Andhra University); M.Sc. (Osmania University); M.Sc.
Dissertation: A Study of the Internal Friction of Some Iron-Manganese and Iron-Manganese-Carbon Alloys
Field of Specialization: Metallurgical Engineering
- Joseph Lee Kenty**.....Columbus
 Met.E. (University of Cincinnati)
Dissertation: Nucleation and Epitaxy of Silver on Sodium Chloride
Field of Specialization: Metallurgical Engineering
- Ronald Michael Kovach**.....Avon Lake
 B.Ch.E., M.Sc.
Dissertation: Steady State Analysis of a Porous Flow-Through Electrode
Field of Specialization: Chemical Engineering
- Ronald Michael Latanision**.....Forest City, Pa.
 B.S. (Pennsylvania State University)
Dissertation: The Mechanical Behavior of Electrochemically Polarized Nickel Single Crystals
Field of Specialization: Metallurgical Engineering
- William Kinsley Latshaw**.....Shelbyville, Ind.
 B.Sc., D.V.M., M.Sc.
Dissertation: A Study of the Prenatal Stages of the Collie Eye Anomaly
Field of Specialization: Veterinary Anatomy
- William Ernest Lewis**.....Greenville, N. C.
 B.S. (North Carolina State College); M.Sc.
Dissertation: Elastic and Thixotropic Interpretation of Transient Non-Newtonian Flow
Field of Specialization: Chemical Engineering
- Jewellean Smith Mangaroo**.....Columbus
 B.S. in Nrsng. (Meharry Medical College); M.S. (Nursing) (Washington University)
Dissertation: The Relation of Cognitive Factors to the Academic Achievement of Juniors at The Ohio State University School of Allied Medical Professions
Field of Specialization: Education
- Kenneth Lee McCloud**.....Marietta
 B.S. (Carnegie Institute of Technology)
Dissertation: Tensile Strength of Liquid Helium
Field of Specialization: Physics

- Robert Eugene McCollum.....Maumee
B.S. in Edu., M.A. (Bowling Green State University)
Dissertation: A Study of the Relationship between Selected Personality Characteristics and the Reflective Method
Field of Specialization: Education
- James Carmichael McGraw.....Mansfield
A.B. (Oberlin College); M.Sc.
Dissertation: A Study of *Cosmocercoides dukae* (Holl, 1928) Wilkie, 1930 (Nematoda: Cosmocercidae) from Amphibians in Ohio
Field of Specialization: Zoology and Entomology
- Gerald Herbert Meier.....McKeesport, Pa.
B.S. in Met. Engr. (Carnegie Institute of Technology)
Dissertation: The Ionic and Electronic Defect Structure of Pure and Chromium-Doped Nickel Oxide
Field of Specialization: Metallurgical Engineering
- Michael Joseph Misshauk.....Astoria, N. Y.
B.S. (Manhattan College); M.B.A. (Michigan State University)
Dissertation: An Investigation into Supervisory Skill Mix among Heterogeneous Operative Employee Groups and the Effectiveness in Determining Satisfaction and Productivity of Employees
Field of Specialization: Business Organization
- Richard Albert Mostardi.....Kent
B.S.Ed., M.E. (Kent State University)
Dissertation: The Effects of Riding a Bicycle at Three Different Pedaling Rates on Metabolic and Respiratory Responses
Field of Specialization: Physical Education
- Milton Courtland Mussman.....Amlin
B.Sc. in Edu., M.A.
Dissertation: Middlescence: Critical Period or Periods in Adulthood?
Field of Specialization: Psychology
- Louis Jack Nachman.....Columbus
B.Sc. in Edu.
Dissertation: Weak and Strong Constructions in Proximity Spaces
Field of Specialization: Mathematics
- Mohindar Singh Ogra.....Hoshiarpur, India
B.V.Sc. (Punjab University); M.Sc.
Dissertation: Studies on the Identification and Serology of *Mycoplasma meleagridis*
Field of Specialization: Poultry Science
- Kathleen Gnifkowski O'Keefe.....Pittsburgh, Pa.
B.A. (College of Saint Benedict, Minnesota); M.A.
Dissertation: Methodology for Educational Field Studies
Field of Specialization: Education
- Abraham Orighoyere Memaredieyin Okorodudu.....Warri, Nigeria
B.S. (Lowell Technological Institute); M.S. (Tufts University)
Dissertation: Alkaline-Induced Decomposition of N-Nitroso-2-oxazolidones
Field of Specialization: Chemistry

- Raj Nawindar Pal**.....Vrindaban, India
 B.Sc. (Agr.), M.Sc. (Agr.) (University of the Punjab)
Dissertation: Characterization of the Microflora of the Raw Milk Supply
Field of Specialization: Dairy Technology
- Ronald Lee Pastorek**.....Freeport, Pa.
 B.S. (Carnegie Institute of Technology)
Dissertation: Solubility and Diffusivity of Oxygen in Solid Copper
Field of Specialization: Metallurgical Engineering
- Douglas Harry Pletsch**.....Clifford, Ont., Canada
 B.S.A. (Ontario Agricultural College); M.Sc.
Dissertation: Communication Concepts Used by Adult Educators in Agriculture to Implement Educational Change
Field of Specialization: Agricultural Education
- Huay-min Huoh Pu**.....Taipei, Taiwan, China
 B.Sc. (Taiwan Normal University)
Dissertation: Contributions to Hayes Integral
Field of Specialization: Mathematics
- Panganamala Venkata Rao**.....Kakinada, India
 B.Sc. (Andhra University); B.Tech. (Osmania University)
Dissertation: Synthesis of Fatty Aldehydes and Their Cyclic Acetals: New Derivatives for the Analysis of Plasmalogens
Field of Specialization: Physiological Chemistry
- Herbert J. Roth**.....Wauseon
 B.Sc. in Agr., M.Sc.
Dissertation: Adaptation of Benefit-Cost Analysis to the Measurement of Performance of Agricultural Development Banks
Field of Specialization: Agricultural Economics and Rural Sociology
- Charles Edward Ryan, Jr.**.....Galion
 B.S. in E.E. (Case Institute of Technology); M.Sc.
Dissertation: A Geometrical Theory of Diffraction Analysis of the Radar Cross Section of a Sectionally Continuous Second-Degree Surface of Revolution
Field of Specialization: Electrical Engineering
- Theo Fred Schalinske**.....Columbus
 A.B., B.D. (Capital University); M.Th. (Princeton Seminary)
Dissertation: The Role of Television in the Life of the Aged Person
Field of Specialization: Speech
- Dalbir Singh**.....Ludhiana, India
 B.Sc., M.Sc. (Punjab University); M.Sc.
Dissertation: Selection Response and the Nature of Genetic Variation for Eight-Week Body Weight in the Domestic Fowl
Field of Specialization: Poultry Science
- Afi Hassan Soliman**.....Benha, Egypt
 B.Sc. (Ein Shams University); M.Sc.
Dissertation: Error Propagation in Strip Triangulation and the Standard Errors of the Adjusted Coordinates
Field of Specialization: Geodetic Science

- Dean Lewis Stoffer.....Delaware
 B.A. (North Central College); M.A.
Dissertation: An Investigation of Therapeutic Success as a Function of
 Genuineness, Nonpossessive Warmth, Empathic Understanding, and
 Dogmatism in the Helping Person
Field of Specialization: Psychology
- Hugh Winston Stumbo.....Iowa City, Ia.
 A.B. (Morehead State College); M.A. (Columbia University)
Dissertation: Aesthetic Experiences in the Teaching of Art: An Aspect
 of Method
Field of Specialization: Art
- Gary Allen Thiele.....East Cleveland
 B.S.E.E. (Purdue University); M.Sc.
Dissertation: On the Application of the Point Matching Technique to
 Antenna and Scattering Problems
Field of Specialization: Electrical Engineering
- David Fred Thompson.....Columbus
 B.Cer.E., M.Sc.
Dissertation: Thermal Deformation of Glass-Crystal Systems
Field of Specialization: Ceramic Engineering
- John Stark Thompson.....East Berlin, Conn.
 B.S. (Muskingum College); M.Sc.
Dissertation: The Isolation and Characterization of an L-Alanine:
 Glyoxylate Aminotransferase from Human Liver
Field of Specialization: Physiological Chemistry
- Curtis Whitfield Tong.....Westerville
 B.A. (Otterbein College); M.A.
Dissertation: John Herbert Nichols, M.D.: A Life of Leadership in
 Physical Education and Athletics
Field of Specialization: Physical Education
- Bruce Gunn van Leuwen.....Holland, Mich.
 A.B. (Hope College); M.Sc.
Dissertation: Substituent Parameters in Polynuclear Aromatic Hydro-
 carbons
Field of Specialization: Chemistry
- Edward Emmert Wallen.....Gallipolis
 B.S., M.A. (Memphis State University)
Dissertation: Influence of Dogmatism on Counselee Decision Making
Field of Specialization: Education
- John Austin Weeks.....West Liberty, W. Va.
 A.B. (Albion College); M.A.
Dissertation: The Controversy over Chinese Labour in the Transvaal
Field of Specialization: History
- Robert Jerry Weiler.....Columbus
 B.S. in Bus.Ad. (University of Arizona); M.A.
Dissertation: A Critical Examination of Existing Real Estate Taxation
 Valuation Procedures
Field of Specialization: Business Organization

- Gerald Allen Wilcox.....Mt. Blanchard
B.Ch.E., M.Sc.
Dissertation: Gas-Phase Reaction Kinetics and Diffusion in Massive Microporous Catalysts: 2-Bromopropane and Porous Vycor Glass
Field of Specialization: Chemical Engineering
- Samuel Lewis Wiley.....Columbus
B.S. (Capital University)
Dissertation: Properties of the Lattice Gas and Related Magnetic Systems
Field of Specialization: Physics
- Donald Ervin Williams.....Dalton, Ga.
B.B.A. (Georgia State College)
Dissertation: An Analysis of Selected Work Duties and Performance of the More Effective Versus the Less Effective Manager
Field of Specialization: Business Organization
- H. Eugene Wysong.....Westerville
B.S. in Edu., A.M. (Miami University)
Dissertation: Evaluating Secondary School Guidance Programs: The Development and Validation of Instruments
Field of Specialization: Education
- Donald Earl Zehr.....Columbus
B.S. in Agr. (Purdue University) ; M.Sc.
Dissertation: The Control of the Transportation of Milk from Farm to Market and Its Effect on the Bargaining Position of Dairy Marketing Cooperatives
Field of Specialization: Agricultural Economics and Rural Sociology
- Master of Accounting** *One candidate*
- James Hartley Smith.....Lancaster
B.Sc. in Bus. Adm.
Field of Specialization: Accounting
- Master of Arts** *Seventy-eight candidates*
- Roger Gene Abshire.....Granville
B.S. (Pikeville College)
Field of Specialization: Education
- Edward Louis Aleo.....Rochester, N. Y.
B.S. (Idaho State University)
Field of Specialization: Speech
- MaryAnn Anastasia Andolsek.....Marion, Ill.
B.A. (Southern Illinois University)
Field of Specialization: Psychology
- Joseph Paul Arthur.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- James William Baker.....Columbus
B.Sc. in Edu.
Field of Specialization: Journalism

- Larry Thomas Bashark.....Kettering
B.E.E., M.Sc.
Field of Specialization: Psychology
- Katherine Reigle Baxter.....Canton
A.B. (Heidelberg College)
Field of Specialization: Speech
- George Dietrich Berndt.....Springfield
A.B. (Wittenberg University)
Field of Specialization: History
- Catherine Bicknell.....Grosse Pointe, Mich.
B.A. (Wellesley College)
Field of Specialization: Romance Languages
- Harold Alonza Black.....Atlanta, Ga.
B.A. (University of Georgia)
Field of Specialization: Economics
- Roberta Rae Boyd.....Cuyahoga Falls
B.Sc. in Edu.
Field of Specialization: Education
- Jay Wright Brown.....Columbus
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- William Richard Brown.....Bedford Heights
B.Sc. in Edu.
Field of Specialization: Education
- Suzanne Frey Bryant.....Eugene, Ore.
B.A.
Field of Specialization: Psychology
- Elizabeth Gray Caldwell.....Athens
A.B. (Ohio University)
Field of Specialization: Economics
- Robert Morrison Carroll.....Albuquerque, N. M.
B.S. (University of New Mexico)
Field of Specialization: Psychology
- Maxine Elizabeth Cashell.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Jong Rak Choe.....Taemyeong, Korea
B.S. (Seoul National University)
Field of Specialization: Education
- Mary Martin Claytor.....Columbus
B.S.Elem.Ed. (Bluefield State College)
Field of Specialization: Education
- Ronald Sycks Cramblett.....Coshocton
B.Sc. in Edu.
Field of Specialization: Education
- Suzanne Mitchell Crowley.....Columbia, Mo.
B.A. (Saint Mary's College, Indiana)
Field of Specialization: English

- Carol Anne Davis.....Lexington, Ky.
B.S. in Ed. (University of Tennessee)
Field of Specialization: Art
- William Henry Drewes.....Columbus
B.S. in Edu. (Capital University)
Field of Specialization: Education
- James Eldon Emswiler.....Columbus
B.Sc. in Edu.
Field of Specialization: History
- Merlyn Pitt Enarson.....Cleveland
B.A. (University of Colorado)
Field of Specialization: German
- Kenneth Nelson Eslinger.....Terre Haute, Ind.
B.S. (Indiana State College)
Field of Specialization: Sociology
- Margaret Avren Ewing.....Columbus
B.A.
Field of Specialization: Education
- Judith Mack Goldner.....Columbus
B.A. (University of Minnesota); B.Sc. in Edu.
Field of Specialization: English
- Carole Waldman Goldstein.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Felicitas Daniels Goodman.....Columbus
Field of Specialization: Linguistics
- Mildred Wines Graham.....Columbus
B.S.H.E. (West Virginia University)
Field of Specialization: Education
- Sally Anne Greene.....Toledo
B.A. (University of Toledo)
Field of Specialization: Romance Languages (French)
- Beverly Ann Gunn.....Columbus
B.S.Ed. (Indiana University)
Field of Specialization: Education
- Marie Van Schoyck Herron.....Columbus
B.M. (Capital University)
Field of Specialization: Music
- Ronald Hersh.....Akron
B.A.
Field of Specialization: Political Science
- Jean Ellen Jones.....Greensboro, N. C.
B.A. (University of North Carolina)
Field of Specialization: Art
- Russell Wilfred Jordan, Jr.....Worthington
B.Sc. in Edu.
Field of Specialization: Education

- Thomas Patrick Joseph.....Columbus
B.A.
Field of Specialization: Psychology
- Irving Lee Kaplan.....Cleveland Heights
B.Sc.
Field of Specialization: Education
- Michael Henry Kean.....Philadelphia, Pa.
B.A. (Pennsylvania State University)
Field of Specialization: Education
- Byung-Kyu Kwon.....Taegu, Korea
B.S. (Kyung-Pook National University, Korea)
Field of Specialization: Education
- Robert Herman Luchi.....Columbus
A.B. (College of Saint Charles Borromeo)
Field of Specialization: History
- Kevin Patrick Lynch.....North Olmsted
B.Sc. in Edu.
Field of Specialization: Education
- Charles Winfred Manley.....Indianapolis, Ind.
A.B. (Indiana University)
Field of Specialization: Psychology
- John Richard Mohr.....Tampa, Fla.
B.S. (Indiana University)
Field of Specialization: Education
- Robert Edward Moran.....Fort Lauderdale, Fla.
A.B., M.A. (Saint Paul's College, Washington, D. C.)
Field of Specialization: Sociology
- William Raymond Morrissey.....Cleveland
B.A. (College of the Holy Cross)
Field of Specialization: English
- Craig Harlan Mosier, II.....Waterloo, Ia.
B.A. (State College of Iowa, Cedar Falls)
Field of Specialization: Sociology
- Kay Schucker Mundis.....Altoona, Pa.
B.A. (Susquehanna University)
Field of Specialization: Classics
- Elaine Miyo Naramoto.....Honolulu, Hawaii
B.S. in Bus. (Indiana University)
Field of Specialization: Psychology
- Doreen Gail Neuhoﬀ.....Cleveland
B.Sc. in Edu.
Field of Specialization: History
- Gayle Louise Nyenhuis.....Zeeland, Mich.
A.B. (Calvin College)
Field of Specialization: English

- Gary Lee O'Connor.....Kokomo, Ind.
B.A. (Ed.) (Ball State University)
Field of Specialization: Education
- Robert Alan Osterhouse.....Spokane, Wash.
B.A. (Whitworth College)
Field of Specialization: Psychology
- Mary Mornini Paddock.....Highwood, Ill.
B.S. in Ed. (Illinois State University)
Field of Specialization: Education
- Catherine Anne Pepper.....Toronto, Ont., Canada
B.A. (University of Toronto)
Field of Specialization: Psychology
- James Richard Rea.....Marion
B.A. (Otterbein College)
Field of Specialization: Speech
- Joseph Augustus Roach.....Columbus
B.Sc. in Bus. Adm.
Field of Specialization: Economics
- Marguerite Jeanne Rocle.....Tarare, France
Field of Specialization: Romance Languages
- Carol Fox Ross.....Columbus
B.Sc. in Edu.
Field of Specialization: Art
- John William Sadler.....Eaton
B.Sc. in Edu.
Field of Specialization: Education
- David Andrew Sartorius.....Worthington
B.A. (Pontifical College of Josephinum)
Field of Specialization: Classics
- Andrew Allen Scott.....North Olmsted
B.F.A. (Carnegie Institute of Technology)
Field of Specialization: Economics
- June Jaroch Shilling.....Columbus
B.S. (Ed) (Bowling Green State University)
Field of Specialization: Physical Education (Health Education)
- Stephen Amrine Sims.....Lancaster
B.A. (Ohio Wesleyan University)
Field of Specialization: Economics
- Lawrence Pattison Smith.....Westlake
B.S. in Ed. (Miami University)
Field of Specialization: Political Science
- Roger Boughton Smith.....Worthington
B.A. (University of Akron)
Field of Specialization: Education
- Bunny Carole Steiger.....Fremont
B.Sc. in Edu.
Field of Specialization: Music

- Harvey Jay Stein.....Cleveland Heights
B.Sc. in Edu.
Field of Specialization: Education
- Becky Bridenbaugh Stevens.....Butler, Pa.
B.A. (Muskingum College)
Field of Specialization: Sociology
- Michael James Valinis.....Maple Shade, N.J.
B.A. (La Salle College)
Field of Specialization: German
- John Joseph VanHoose.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Helen Clamor Villejo.....Cebu City, Philippines
B.S.E. (University of San Carlos, Philippines)
Field of Specialization: English
- Elizabeth Edwards Wells.....Lorain
B.A. (Baldwin-Wallace College)
Field of Specialization: English
- Christy Ann Williams.....Webster Groves, Mo.
A.B. (Oberlin College)
Field of Specialization: Slavic Languages
- Joyce Harpster Yochheim.....Wooster
B.A. (College of Wooster)
Field of Specialization: English
- Alicia Irene Zingoni.....Buenos Aires, Argentina
Field of Specialization: Linguistics
- Karen Niedenthal Zonders.....Brewster
B.A. (Muskingum College)
Field of Specialization: Education
- Master of Business Administration** *Thirty-seven candidates*
- Dembel Balcha.....Addis Ababa, Ethiopia
B.Sc. (Haile Selassie I University)
Field of Specialization: Business Organization
- James Gibson Banks.....Columbus
B.B.A. (Ohio University)
Field of Specialization: Business Organization
- Raymond Anthony Bergman.....Minster
B.Bus.Adm. (University of Cincinnati)
Field of Specialization: Business Organization
- Robert Edward Birkle.....Cheviot
B.S. (Marietta College)
Field of Specialization: Business Organization
- Charles William Brandstetter.....Canton
B.I.E.
Field of Specialization: Business Organization

- Thomas William Bryan.....Coshocton
B.E.M.
Field of Specialization: Business Organization
- Robert Sheets Bussom.....Shelby
B.Sc. in Bus.Adm.
Field of Specialization: Business Organization
- Richard Thomas Clark.....Columbus
B.S.I.T. (Ohio University)
Field of Specialization: Business Organization
- Raymond Riley Davis.....Russellville, Ky.
B.S. (University of Kentucky)
Field of Specialization: Business Organization
- Donald Raphael Delauter.....Fort Hood, Tex.
B.S. (Ag.Econ.) (University of Maryland)
Field of Specialization: Business Organization
- David Matthew Dooley.....Loogootee, Ind.
B.B.A. (University of Notre Dame) ; LL.B. (Indiana University)
Field of Specialization: Business Organization
- Adel Ibrahim El-Ansary.....Cairo, Egypt
B.Com. (Cairo University)
Field of Specialization: Business Organization
- Michael Edward Flood.....Zanesville
B.S. (Providence College)
Field of Specialization: Business Organization
- James Donald Fox.....Cass City, Mich.
B.S. (Michigan State University)
Field of Specialization: Business Organization
- Michael Howard Galan.....Cleveland Heights
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Timothy Allen Gaskin.....San Francisco, Calif.
B.S. (University of California, Berkeley) ; M.S. (University of Delaware) ; Ph.D. (Purdue University)
Field of Specialization: Business Organization
- Larry Jay Goar.....Lakeland, Fla.
B.S. (Florida State University)
Field of Specialization: Business Organization
- Ronald Gordon Gossman.....Fairborn
B.E.E.
Field of Specialization: Business Organization
- Polly Ibatuan, Jr.....Great Falls, Mont.
B.S. (University of Omaha)
Field of Specialization: Business Organization
- Paul William Jankura.....Cleveland
B.B.A. (Cleveland State University)
Field of Specialization: Business Organization

- Warren Paul Johnson.....Dayton
B.Ch.E. (University of Louisville); M.S. (University of New Mexico)
Field of Specialization: Business Organization
- Peter Charles Joseph.....Brisbane, Australia
B. Com. (University of Queensland)
Field of Specialization: Business Organization
- Oscar Arthur Karsch.....Trotwood
B.M.E. (City College, New York)
Field of Specialization: Business Organization
- Philip Martin Kiep.....Worthington
B.S. (Purdue University)
Field of Specialization: Business Organization
- Arthur Henry King.....Kinston, N. C.
B.S. (East Carolina College)
Field of Specialization: Business Organization
- Kenneth Edward Kodger.....North Olmsted
B.Sc. in Chem. Engr. (Tri-State College)
Field of Specialization: Business Organization
- Clayton Lee Menefee.....Fulton, Mo.
B.S. in Agr. (University of Missouri)
Field of Specialization: Business Organization
- Wandell Corley Miller.....Parkersburg, W. Va.
B.I.E.
Field of Specialization: Business Organization
- Steven Chester Mirick.....Columbus
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Isaac Dib Nasri.....Worthington
B.S., M.S. (University of Louisville)
Field of Specialization: Business Organization
- Martin Pressman.....Charleston, W. Va.
B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Richard George Reid.....Cheverly, Md.
B.S. (University of Maryland)
Field of Specialization: Business Organization
- Kent Lee Ryder.....Matamoras, Pa.
A.B. (Allegheny College)
Field of Specialization: Business Organization
- Joel Frederick Schlosberg.....Memphis, Tenn.
B.S. (Memphis State University)
Field of Specialization: Business Organization
- William Ronald Studebaker.....New Carlisle
B.Sc. in Agr.
Field of Specialization: Business Organization

Richard Norris Wickwar.....Ottumwa, Ia.
 B.S. (Black Hills Teachers College)
Field of Specialization: Business Organization

Gerald Charles Zeman.....Maple Heights
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization

Master of City Planning

Two candidates

Charles Henry Bogart.....Fort Thomas, Ky.
 A.B. (Villa Madonna College)
Field of Specialization: City and Regional Planning

Robert Evar Grasser.....Cincinnati
 B.S. in Arch. (University of Cincinnati)
Field of Specialization: City and Regional Planning

Master of Fine Arts

One candidate

Donald Joe Bronson.....Waterloo, Ia.
 B.F.A. (University of Illinois); M.A. (University of Notre Dame)
Field of Specialization: Fine Arts (Sculpture)

Master of Music

Two candidates

Michael Ernest Jenks.....Jeffersonville
 B.Sc. in Edu.
Field of Specialization: Music

Gwendolyn Chester Shrader.....Newark
 B.Mus.
Field of Specialization: Music

Master of Science

Ninety-three candidates

Anwar Kamal Abdullah.....Allahabad, U.P., India
 M.B.B.S. (University of Lucknow, India)
Field of Specialization: Medicine

Roger William Anderson.....Shepherd, Mich.
 B.S. in Phar. (Ferris State College)
Field of Specialization: Pharmacy

Kenneth Lewis Applegate.....Fairborn
 B.A. (Central State University)
Field of Specialization: Poultry Science

Edward Francis Armstrong.....Columbus
 B.C.E.
Field of Specialization: Civil Engineering

*James Russell Bailey.....New Philadelphia
Field of Specialization: Civil Engineering

* Also Bachelor of Civil Engineering, College of Engineering

- Arthur Dale Bare.....Nevada
B.Ch.E.
Field of Specialization: Chemical Engineering
- Kaye Porter Barefield.....Hopkinsville, Ky.
B.S. (Western Kentucky State College)
Field of Specialization: Entomology
- Richard Carroll Behymer.....Dayton
B.E.E.
Field of Specialization: Electrical Engineering
- John Edward Bilikam.....Columbus
B.I.E.
Field of Specialization: Industrial Engineering
- Robert Dale Blackburn.....Altoona, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Metallurgical Engineering
- Raymond Ronald Bosecker.....Mt. Carmel, Ill.
B.S. (Southern Illinois University)
Field of Specialization: Agricultural Economics and Rural Sociology
- Larry Blair Bourquin.....Toledo
B.Sc.
Field of Specialization: Geodetic Science
- Arthur Stanley Brown.....Teaneck, N. J.
B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Carl Kenneth Buckner.....Tulsa, Okla.
B.S. in Pharm. (University of Oklahoma)
Field of Specialization: Pharmacy
- *Walter Dennis Burnside.....Niles
Field of Specialization: Electrical Engineering
- Dennis John Carlo.....Wilmington, Del.
B.Sc.
Field of Specialization: Microbiology
- Ralph Clifton Covey.....Summit, N. J.
B.S. (Ohio University)
Field of Specialization: Microbiology
- Daniel Louis Cowdrey.....Washington C. H.
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- James Corwin Craig.....Baltimore
B.Sc., B.Sc. in Edu.
Field of Specialization: Physics
- Philip Grayson Cullum, Jr.....Nashville, Tenn.
B.A. (David Lipscomb College)
Field of Specialization: Mathematics

* Also Bachelor of Electrical Engineering, College of Engineering

- Richard Andrew Dennis.....Saint Jo, Tex.
B.S., D.V.M. (Texas Agricultural and Mechanical University)
Field of Specialization: Veterinary Pathology
- Leticia Leano DeOcampo.....Manila, Philippines
B.S. in Home Econ. (University of the Philippines)
Field of Specialization: Home Economics
- Leland Claude Dickey.....Dayton
B.S.Ch.E. (University of Cincinnati)
Field of Specialization: Chemistry
- Terence Richard Dockerty.....St. Johnsville, N. Y.
B.S. (Cornell University)
Field of Specialization: Animal Science
- Joseph Ernest Dryer.....Lancaster, Pa.
B.E.E.
Field of Specialization: Electrical Engineering
- Eston Christis Farrell, Jr.....Columbus
B.A. (Eastern Nazarene College)
Field of Specialization: Pathology
- Wayne Lee Felty.....Harrisburg, Pa.
B.S. in Chem. (Lebanon Valley College)
Field of Specialization: Chemistry
- Gerald Lloyd Fite.....Bethel
A.B. (Wilmington College)
Field of Specialization: Dairy Science
- Terrance Lee Flaig.....Cincinnati
B.E.E.
Field of Specialization: Electrical Engineering
- Edward Allen Gaer.....Milwaukee, Wis.
B.S., M.D. (University of Wisconsin)
Field of Specialization: Psychiatry
- David Theodore George.....Strongsville
B.Sc. in Agr.
Field of Specialization: Animal Science
- Ruvendra Nath Gotam.....Bikaner, India
B.V.Sc. and Animal Husbandry, M.A. (Agra University)
Field of Specialization: Animal Science
- David Russell Graham.....Brookville
B.E.E. (University of Dayton)
Field of Specialization: Electrical Engineering
- Kay Ryan Gregory.....Byesville
B.Sc. in Med. Tech.
Field of Specialization: Pathology
- Joseph Edward Gross, III.....Ramsey, N. J.
B.S. (United States Military Academy)
Field of Specialization: Geodetic Science

- Ala Bakir Hamoudi**.....Baghdad, Iraq
B.M. and S. (University of Baghdad)
Field of Specialization: Pathology
- Mohammad Hemami**.....Isfahan, Iran
Field of Specialization: Civil Engineering
- Snowden Hernandez**.....Trujillo Alto, Puerto Rico
B.S. (Agr.), D.D.M. (University of Puerto Rico)
Field of Specialization: Dentistry
- Jonathan Wayne Hinton**.....Canton
B.Cer.E.
Field of Specialization: Ceramic Engineering
- Charles Arthur Hoenstine, Jr.**.....Annandale, Va.
B.S. (United States Military Academy)
Field of Specialization: Industrial Engineering
- Philip Franklin Honsberger**.....Sycamore
B.E.E.
Field of Specialization: Electrical Engineering
- Daniel Howard Hornbarger**.....Buffalo, N. Y.
B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Ellen Hsia Hung**.....Taipei, Taiwan, China
B.S. (Taiwan Normal University)
Field of Specialization: Chemistry
- Joseph Kelly Jarboe**.....Charleston, S. C.
B.S. in M.E. (University of Kentucky)
Field of Specialization: Industrial Engineering
- Thomas Howe Johnson**.....Lexington, Ky.
B.S. in Agr. (University of Kentucky)
Field of Specialization: Poultry Science
- Kenneth Morgan Jones**.....Akron
B.M.E.
Field of Specialization: Mechanical Engineering
- Harold Marion Keener**.....Ashland
B.Agr.E.
Field of Specialization: Agricultural Engineering
- John Francis Kenefick**.....Binghamton, N. Y.
B.C.E.
Field of Specialization: Geodetic Science
- David Paul Kreps**.....Pottstown, Pa.
B.S. (Manchester College)
Field of Specialization: Microbiology
- Roger George Kroetz**.....Fostoria
B.S. (Bowling Green State University)
Field of Specialization: Mathematics
- Edward Leonard Laskowski**.....Parma
B.E.E. (University of Detroit)
Field of Specialization: Electrical Engineering

- Calvin Milton Leimbach.....Lima
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Charisma Madson Lindberg.....Galena
B.Sc. in H.E.
Field of Specialization: Home Economics
- Donald Walter Long.....Leetonia
B.Sc. in Agr.
Field of Specialization: Dairy Science
- Mary Louise Macnamara.....Dayton
B.Sc. in Nurs.
Field of Specialization: Nursing
- Larry Joe Martin.....Hebron
B.Sc. in Agr.
Field of Specialization: Agricultural Economics and Rural Sociology
- Paul Bernard McNulty.....Dublin, Ireland
B.E. (National University of Ireland)
Field of Specialization: Dairy Technology
- Paul Nicolas Monteleone, Jr.....Girard
B.S. (Youngstown University); M.D.
Field of Specialization: Pathology
- Martin Joseph Moran.....Brooklyn, N. Y.
B.E.E. (Manhattan College)
Field of Specialization: Electrical Engineering
- John Russell Mumaw.....Dalton
B.M.E.
Field of Specialization: Mechanical Engineering
- Tomomi Murata.....Toyohashi, Japan
B.E. (Nagoya Institute of Technology)
Field of Specialization: Metallurgical Engineering
- Howard Lee Neal.....Mansfield
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Gabriel Francis Tambe Obenson.....Buea, West Cameroon
B.Sc. (International Training Center for Aerial Survey, Delft, Holland)
Field of Specialization: Geodetic Science
- Lawrence Charles Oleksiak.....Mineola, N. Y.
B.S. (University of Dayton)
Field of Specialization: Zoology
- Robert Samuel Plentovich.....Hayes, Va.
B.S. (Virginia Polytechnic Institute)
Field of Specialization: Electrical Engineering
- Stanley Wayne Powers.....Desdemona, Tex.
B.S. (Geology) (Texas Technological College); M.A. (Sacramento State College)
Field of Specialization: Geodetic Science

- Dean Howell Reber.....Rock Hill, S. C.
B.S. (Chem. Engr.) (North Carolina State College)
Field of Specialization: Chemical Engineering
- Hesham Aly Roushdy-Enan.....Cairo, Egypt
B.M.E. (Cairo University)
Field of Specialization: Industrial Engineering
- John Charles Schaefer.....Sheboygan, Wis.
B.S. (Marquette University)
Field of Specialization: Chemistry
- Lawrence Herbert Schmidt.....Swanton
B.Sc. in Agr.
Field of Specialization: Horticulture
- John Paul Schoessler.....Kent
B.Sc. in Opt., O.D.
Field of Specialization: Optometry (Physiological Optics)
- Haralambos Simeonidis.....Porto Alegre, Brazil
Field of Specialization: Agricultural Economics and Rural Sociology
- Fredrick Larnce Smith.....Huntington, W. Va.
B.S. (Marshall University)
Field of Specialization: Mathematics
- Richard Roy Smith.....Esko, Minn.
B.Aero.Eng. (University of Minnesota)
Field of Specialization: Aeronautical and Astronautical Engineering
- Carl Edgar Snyder, Jr.....Dayton
B.S. (University of Dayton)
Field of Specialization: Chemistry
- William Dominic Soccorsy.....Youngstown
B.E. (Youngstown University)
Field of Specialization: Metallurgical Engineering
- Christos Spentzos.....Athens, Greece
Field of Specialization: Electrical Engineering
- Susan Ilma Stetson.....Lucas
B.Sc. in H.E.
Field of Specialization: Home Economics
- John Lewis Steva.....St. Marys
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- *Dennis Paul Stombaugh.....Bryan
Field of Specialization: Agricultural Engineering
- Ray Bernard Stout.....Hamersville
B.M.E.
Field of Specialization: Mechanical Engineering
- Jerry Lee Tangeman.....Wapakoneta
B.Sc. in Agr.
Field of Specialization: Agricultural Education

* Also Bachelor of Agricultural Engineering, College of Engineering

- Leon Garfield Thompson.....Elmwood, Wis.
B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Thomas Robert Tucker.....Georgetown
B.Sc.
Field of Specialization: Zoology
- Allen Leroy Ulrich.....Upper Sandusky
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Umaid Kishan Vyas.....Jodhpur, India
B.V.Sc. (University of Rajasthan, India)
Field of Specialization: Poultry Science
- *Eugene Ralph Wertz.....Tiffin
Field of Specialization: Electrical Engineering
- John Thomas Whalen.....Youngstown
B.E.E.
Field of Specialization: Industrial Engineering
- William Reynard Williamson.....Dayton
B.S.E.E. (Purdue University)
Field of Specialization: Electrical Engineering
- William James Wilson.....Dayton
A.B. (University of Kentucky); B.S. (United States Air Force Institute of Technology)
Field of Specialization: Electrical Engineering
- Hugh James Zeller.....Gnadenhutten
B.Ch.E.
Field of Specialization: Chemical Engineering
- Gary Oakley Zerbe.....Canton
B.Sc.
Field of Specialization: Mathematics
- Gregory Zerfiridis.....Kavala, Greece
Field of Specialization: Dairy Technology

Master of Social Work

Two candidates

- Jean Salter Hutzler.....Cleveland
A.B. (Western Reserve University)
Field of Specialization: Social Work
- Barbara Kieffer Lippert.....Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

* Also Bachelor of Electrical Engineering, College of Engineering

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

Sixty-four candidates

Richard Lowell Abels.....	Cedarville
Grange Robert Alves.....	Solon
Donald Lewis Ames.....	Wilmington
Roger L. Banta.....	Belle Center
John Robert Beckman.....	Minster
Earl Joseph Beiler.....	Bellevue
Bryan Roger Borkosky.....	Upper Sandusky
Gary Donald Bougher.....	Seville
Kenneth Paul Brown.....	Springfield
Richard Frederick Buhrow.....	Martin
Patrick Louis Burns.....	Auburn, N. Y.
Robert Stephen Burns.....	Franklin
Thomas John Clark.....	Little Valley, N. Y.
Charles Richard Cline.....	Jeffersonville
*Rhea Kathleen Copenig.....	Worthington
Robert Bailey Craig.....	South Euclid
Richard Allen DeVold.....	Belle Valley
Michael Eric Dewey.....	Mt. Sterling
Arthur Osborn Dudgeon.....	Wapakoneta
Charles John Frank.....	Lockbourne
John Charles Fritz.....	Holgate
Richard Thomas Gilgrist.....	Hamilton
Judith Kay Goodspeed.....	Amherst
John Paul Gruber.....	Mt. Gilead
Paul Joseph Helbling.....	Coshocton
Gary Joe Hoff.....	Greenville
Jane Krinn Holloway.....	Logan
Larry Edwin Humphreys.....	New Burlington
Dan Robert Hupp.....	Springfield
Charles Ward Karr.....	Coshocton
George Orville Keller III.....	New Carlisle
Dwight Kleiber.....	Marysville
Larry Clyde Knoch.....	Whipple
David Lee Kohli.....	Wauseon
Thomas Frederick Lamb.....	Canal Winchester
Lewis Paul Lemmerbrock.....	Bowling Green
Richard Eugene Mackey.....	Shelby
Jon Albert Mayner.....	Mentor
George Dale McClain.....	Akron
Jack Roger McCoy.....	Mt. Vernon
Richard Wallace Mumma.....	Dayton
Paul Herman Pence.....	Columbus
John Ervin Pendleton.....	Vickery
Fredrick Frank Pomeranz.....	Pettisville
Terry Eugene Preston.....	Tipp City
Kenneth Robert Rider.....	Marion
Paul Dean Rohrer.....	Orrville
Ray Donald Ruhrmund, A.B. (Miami University).....	Cincinnati
William Ray Schenk.....	Clyde

* Also Bachelor of Science in Education, College of Education

Dwight Leonard Schmiesing.....	Fort Loramie
Bruce Allen Schneider.....	Lindsey
Edward Joseph Schober, Jr.....	Avon
Daniel David Spieldenner.....	Fremont
William Carl Stander.....	Mansfield
Hans Michael Stephan.....	Hamilton
Timothy Marshall Thornburg.....	Barnesville
Marvin Thomas Ulrich.....	Farmersville
George Charles Wahl.....	Castalia
Glen Carl Watson.....	Mansfield
Allan Carl Weilnau.....	Milan
Daniel James Weintraub.....	Toledo
Robert Lewis Willier.....	Maumee
Edward Joseph Winderl, Jr.....	Gahanna
John William Winger, Jr.....	Mansfield

Bachelor of Science in Dairy Technology

Four candidates

Arthur Melvin Beery.....	Rittman
Jack Carl Grosskopf.....	Burton
John Wells Schneider.....	Great River, N. Y.
James Franklin Shell.....	Mt. Sterling

Bachelor of Science in Food Technology

One candidate

Rodger Lee Rinebold.....	Fostoria
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School of Home Economics

Bachelor of Science in Home Economics

Twenty-one candidates

Carol Ann Basford.....	Columbus
Jane JoAnne Chinnici.....	Garden City, N. Y.
Linda Sue Converse.....	Leetonia
Carol Linda Curva.....	Beachwood
Carolyn Louise Grether.....	Columbus
Betty Joan Holder.....	Dublin
Lois Eileen Kelly.....	Carroll
Patricia Lynne Kohl.....	Columbus
Sharon Campbell LeVally.....	Columbus
Joann Elvira Mata.....	Steubenville
Marilyn Ruth Mensing.....	Toledo
Barbara Brown Nichols.....	Troy
Sylvia Juliette Pinciario.....	Steubenville
Virginia Pyles Pinkerton.....	Cedarville
Geraldine Elaine Rogers.....	Columbus
Linda Chapman Saling.....	Columbus
Carolyn Joyce Snyder.....	Lewisburg
Frances Ann White.....	Toledo
Jennie Lorine Wilkin.....	Hillsboro
Judith Ann Wilson.....	Columbus
Charlotte Ann Woodward.....	Norwalk

College of Arts and Sciences

Acting Dean: Robert A. Oetjen

Bachelor of Arts

One hundred and nine candidates

Kim L. Anderson.....	Orrville
Dayle Lee Bailey.....	Columbus
Stephen Michael Baker.....	Columbus
Barbara Eleanor Bard.....	Bryan
Christopher Irving Beckwith.....	Cincinnati
Philip Stanley Boiarski.....	Cadiz
Joseph Robert Boyle.....	Columbus
Carolyn Sue Browning.....	Goshen
Charles Edwin Caldwell.....	Columbus
James Bruce Callen.....	Youngstown
JoAnne Victoria Chacko.....	Dayton
Romero Auturo Cherry.....	Columbus
Dennis Theodore Clark.....	Columbus
Joseph Carey Clark.....	Lima
Nina Taylor Cochran.....	Columbus
James Laurence Coe.....	Columbus
Leland Bernard Cohen.....	Columbus
Marguerite Mary Collette.....	Cleveland
Robert Lewis Conaway.....	Chillicothe
William Kirby Cook (summa cum laude).....	Chagrin Falls
Kenneth Lee Cox.....	Kaneohe, Hawaii
Edward Buckley Cummings (cum laude).....	Hinsdale, Ill.
Randall M. Dana.....	Painesville
James Alfred Darnell.....	Painesville
James Robert Dixon.....	Utica
David Anthony Drost.....	Findlay
William Richard Ealy.....	Van Wert
Harriet Ellen Fagin.....	Brooklyn, N. Y.
Gerald Thomas Faler.....	Columbus
Anna Louise Farlow.....	Springfield
Peter Owen Fay.....	Lyndhurst
Eve Prout Fetzek.....	Sarasota, Fla.
*Linda Susan Ford.....	Urbana
Michael Edwin Fulk.....	Canton
Carol Ann Funk.....	Wooster
Don Lee Galliers.....	Bryan
Thomas William Gerber.....	Columbus
John Ervin Goodemote, II.....	Fairborn
Timothy Chandler Griswold.....	Old Lyme, Conn.
John Bruce Grunden.....	Toledo
Barbara Joan Guise.....	Blacklick
Neil Joseph Hamadey.....	Parma
Melissa Phyllis Heffernan.....	Columbus
Betty Jane Hein.....	Nitro, W. Va.
Alfred Paul Hoadley.....	Napoleon
Joseph Eric Hoppes.....	Springfield
Ronald Richard Hussey.....	Reynoldsburg
Richard Edward Johnson.....	Urbancrest
Ronald Virgil Johnson.....	Columbus

* Also Bachelor of Science in Education, College of Education

Carol Ann Jones.....	Columbus
Susan Goodman Josephson.....	Columbus
George Richard Katosic.....	Euclid
Dale Kauffman.....	LaVale, Md.
Lawrence Floyd Klar.....	Berea
John Douglas Lankenau.....	Napoleon
David Edgar Leasure.....	Zanesville
Kay Rowan Livengood.....	Williamsburg
Nancy Brewer Luck.....	Columbus
James Sawyer Luckett.....	Columbus
Timothy Edward March.....	Dayton
Robert Michael Marshall.....	Columbus
Robert Rex Mathews.....	Hubbard
Donald Richard McGee.....	Worthington
Martha Evelyn Medley.....	Shelby
Loretta Hitchcock Miljanich.....	Lima
Allen Lee Miller.....	Marion
Ronald Michael Miller.....	Cleveland Heights
Julia Kathleen Morrow.....	Columbus
Clyde Winfield Mummert.....	Columbus
Lee Sylvan Nathans.....	Miami Beach, Fla.
Alexandra Maria Ninkovic.....	Parma
*Julie Lee Ogle.....	Columbus
William Steven Oiler.....	Columbus
Erich Pacht, B.Sc.....	Columbus
Annabel Page (summa cum laude and with Distinction in Speech)	Albany, N. Y.
Craig William Patton (summa cum laude).....	Columbus
Barbara Magdalen Pawlak.....	Cleveland
Kenneth Charles Petersen.....	Columbus
Stephen Phillip Porterfield.....	Gambier
Henry Price Prazar.....	Rochester, N. Y.
John Cletus Raitz.....	New Riegel
Robert Edward Rein.....	Niles
Sue Ellen Rife.....	Cedarville
Roxane Robbins.....	Columbus
Thomas A. Sampliner (cum laude).....	Cleveland
James Patrick Sears.....	Columbus
Robert Chaim Segall.....	Youngstown
*Robert Lee Silvey.....	Columbus
Arlene Elizabeth Smith.....	Copley
Philip Mallory Smith.....	Zanesville
Robert Norman Smyers.....	San Francisco, Calif.
Russell Binning Snow.....	Pittsburgh, Pa.
Maurice Joseph Solkov.....	Dayton
Sally Anne Sunderhaus.....	Lima
Michael Swartz.....	Elba, N. Y.
Terry Allan Tate.....	Kettering
Karen Keyes Taylor.....	Columbus
Ned Albert Thomas.....	Columbus
Brian John Tiboni.....	Brooklyn
Pryor Brown Timmons, Jr.....	Clarksburg
Harold William Treharne.....	Youngstown
Katherine Loretta Ullmer (cum laude).....	Dayton
David Browning Walker.....	Marion

* Also Bachelor of Science in Education, College of Education

Michael Jesse Watson.....	Columbus
Linda Lou Whittier.....	Columbus
*Pamela Marie Willard.....	Mason
Jean Elaine Williams.....	Columbus
Scarlett Williams.....	Waverly
Nancy Robin Wright.....	Schwenksville, Pa.

Bachelor of Science

Forty-nine candidates

William Martin Bodde.....	Vermilion
John Francis Brewster.....	Syracuse, N. Y.
Thomas Alfred Brubaker.....	Wadsworth
Daniel William Carlson.....	Berkely Heights, N. J.
James Paul Carpenter.....	Whippany, N. J.
James William Carroll.....	Youngstown
Robert Sutphen Chappellear.....	New Albany
Joseph William Clark.....	Gallipolis
Dwight Albert Cohagan.....	Columbus
Gilbert Joseph Cohen.....	Reynoldsburg
Donald Babcock Covert.....	Portsmouth
Patrick A. Curran.....	Grosse Pointe Woods, Mich.
Irving Allen Dean.....	Rocky River
Michael Lynn DeVault.....	East Liberty
Linda Norling Felver (summa cum laude and with Distinction in Chemistry).....	Columbus
Byron Cavin Floyd.....	Ann Arbor, Mich.
Nelson Stanley Ford.....	Mansfield
Glory Ann Fox.....	Kettering
William Lee Glover (cum laude).....	Twinsburg
Leonard Joel Goldstein.....	Poughkeepsie, N. Y.
Thomas John Gronek.....	Columbus
Susan Davidson Hahn.....	West Richfield
Mark Renick Hawks, Jr.....	Columbus
Nancy Rasche Herzog.....	Columbus
Douglas Alan Hicks.....	Columbus
John Taft Ingalls.....	Chagrin Falls
Keith Howard Johnson.....	South Euclid
Karl Konrad Kluss.....	New Milford
Barbara Eichler Mantz.....	Fairborn
Lawrence S. Mayer (cum laude and with Distinction in Psychology)	Columbus
Henry Paul Melet.....	Steubenville
Douglas E. Miller.....	Worthington
Michael John Orabella.....	Pepper Pike
Diane Elizabeth Popp.....	Columbus
Anne Purvis Price.....	Columbus
Francis Earl Reed, Jr.....	Lyndhurst
Dennis Eugene Reese.....	Fredericktown
Dennis O. Roark.....	Greenfield
Kern Gilland Rose.....	Columbus
Charles Danaus Sainopulos.....	Portsmouth
Alan Gary Schecter.....	University Heights
George Gerhard Sent.....	Lakewood
Kathy Davis Sherman.....	Caldwell
Rebecca Ann Shober.....	Richland, Wash.
George Jorg Soehngen.....	Dayton

* Also Bachelor of Science in Education, College of Education

Ann Marie Stalder.....	Nelsonville
Gail Louise Stanford.....	Canton
Robert Howard Stroud.....	Marion
Michael Lee Wilson.....	Bucyrus

School of Journalism

Bachelor of Arts

Three candidates

Monique Adele Guinioux.....	Wintersville
Michael Baxter Heymann.....	Dayton
Robert Clark Ross.....	Fairview Park

College of Biological Sciences

Associate Dean: John D. Briggs

Bachelor of Science

Thirty-three candidates

Charles Ernest Bentley.....	Marion
Geraldine Schmied Bentley.....	Midland
John David Bittner.....	Cincinnati
Meredith Gene Bond.....	Schenectady, N. Y.
George Frederick Brugger.....	Alliance
Stanley Michael Cichowicz.....	Lakewood
Michael Allen Clark.....	Columbus
Gary William Cole.....	Columbus
Mary Lynne Corn.....	Columbus
Dorothy Ann David.....	Akron
Ina Warner Ehrhart.....	Columbus
William Joseph Elkovitch.....	Auburn, N. Y.
Thomas William Faessler.....	Kew Gardens, N. Y.
George Patrick Fitzgerald.....	Springfield
James Edward Frounfelter.....	Stow
Nancy Jeanne Fusco.....	Columbus
Douglas Ercil Hartman.....	Columbus
William Arlington Hendrickson, III.....	North Scituate, Mass.
Kathy Davis Huber.....	Cleveland Heights
Allen Maurice Jones.....	Louisville, Ky.
Thomas James Kraner.....	Carroll
Karen Lee Marr.....	Ashland
Darrell Stollar Mechling.....	St. Clairsville
William Fredrick Partridge.....	Akron
Robert Donald Searles, Jr.....	North Olmsted
Thomas William Smith (summa cum laude).....	Columbus
William Parks Taylor, Jr.....	Warren
Willard Sidney Titus, III.....	North Canton
Louise Van Vliet.....	Staatsburg, N. Y.
Douglas Carl Vonderheid.....	Dayton
Steven Echols Watts.....	Euclid
Feurdnant Sebastian Weber, III.....	Columbus
John Lawrence Zumrick, Jr.....	Youngstown

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration *One hundred and seven candidates*

Gary Edward Atwell.....	Butler, Pa.
John Michael August.....	Bedford
John Daniel Bartlett.....	McDermott
Thomas Lee Beal.....	Columbus
William Thomas Bing.....	Barberton
Robert Earl Blayney.....	Columbus
Richard Holl Brandt.....	Logan
Richard Joseph Brannigan.....	Columbus
John Edward Bubanich.....	Niles
Michael Alvin Busse.....	Fort Loramie
Brian Edward Chase.....	Lakewood
Robert Crabb.....	Lima
Dennis Morrelle Davis.....	North Randall
Alan Bruce Deming.....	Fairview Park
Richard Ward Deuble.....	Vermilion
Douglas Maurice deVlaming.....	Amityville, N. Y.
Michael Ensign Doane.....	Columbus
Francoise Helen Duchene.....	Lancaster
Charles Roland Earick.....	Bellefontaine
Stephen Mark Egelhoff.....	Columbus
David Gruber Ehret.....	Willoughby
Stephen Richard Elling.....	Akron
Joseph Robert Fetsko, Jr.....	Fairborn
Bruce Douglas Findlay.....	Columbus
Charles Corey Freidenberg.....	Columbus
Thomas Richard Fritz.....	Birmingham, Mich.
Virginia Moore Frye.....	Akron
Leslie Stephen Gaskins.....	Annandale, Va.
August Allen George.....	Kettering
John Edward Giesy.....	Columbus
Hugh Elmer Gray.....	Beverly
Donald Fredrick Greene.....	Columbus
Frederick Otis Greene.....	Columbus
Robert Kinsley Gump.....	Trotwood
James Alvin Hall.....	Willowick
Donald Carlos Hamner, Jr.....	Eldorado
Richard Stephen Harte.....	Columbus
Frederick Norbert Hartings.....	Columbus
Barry Norman Hartman.....	Columbus
Jon Alan Haught.....	Columbus
John Raymond Heckman.....	Bradner
Joseph William Heineman.....	Butler, Pa.
Robert Thomas Howlett, Jr.....	Bay Village
John Michael Hurst.....	Toledo
Joseph Michael Imber.....	Delphos
John Merrill Jones.....	Columbus
Richard Lee Jones.....	Painesville
Gary Howard Kaine.....	Lakewood
Gerald Arthur Kaufman.....	Sandusky
John Mervyn Kauh1.....	Warrensville Heights

James Ray Kennedy.....	Portsmouth
Paul Edgar Kiebler.....	Burton
Kenneth Robert Krieg.....	Columbus
William James Lasko.....	Toledo
Roy Edgar Leasure, Jr.....	Bellefontaine
Larry Phillip Lieberman.....	Columbus
Benjamin Kent Lindsley.....	Huron
Joseph Alan Lofton.....	Akron
Thomas Francis Lynch, Jr.....	Zanesville
Betserai Willie Madzivire.....	Gutu, Rhodesia
William Dale Marshall.....	Franklin, Pa.
Dix Edward Martin.....	Fort Lauderdale, Fla.
Thomas Vincent Maxwell.....	Columbus
John Ralph McCollum.....	Newark
Scott Robert McIlrath.....	Columbus
John Merrell McNamara.....	Marion
Brian Keith Meginnis.....	Columbus
Mebrate Mengistu.....	Addis Ababa, Ethiopia
Kathryn Salzman Merrell.....	Bryan
Thomas Henry Minch.....	Mansfield
Kathy Jean Mitchell.....	Poland
Donald John Morton.....	Shaker Heights
Richard Lee Musser.....	Canton
Rita Marie Nelson.....	Massillon
Roger Elmer Ohnsman.....	Milford Center
John William O'Neil.....	Mt. Vernon
John Thomas O'Shields.....	Wheeling, W. Va.
Thomas Eugene Overmier.....	Oregon
John William Packard, Jr.....	Columbus
William Samuel Parson.....	Paulding
Norman Robert Pierce.....	Lakewood
Douglas Ladd Pirro.....	Willowick
Irving Harvey Post.....	Cleveland
Thomas Richard Reid.....	Galion
Paul Kenneth Robertson.....	Newark
James Rex Robison, Jr.....	Kettering
Lloyd Michael Routman.....	Cleveland Heights
Charles Saunders, Jr.....	Columbus
David Alan Schluer.....	Columbus
Karl Fredrick Schmitt.....	Chardon
Jack Lee Sharp.....	Springfield
Jack Joseph Skryanc.....	Cleveland
Joseph Peter Smith.....	Bridgeport
Noble Burdell Snow, III.....	Newark
Robert Fredric Snyder.....	Miamisburg
Donald Fredrick Spain.....	Shaker Heights
James Arthur Stentz.....	Massillon
Joseph Douglas Thomas.....	Columbus
Norman Dean Thorp.....	Pioneer
Terry Anne Tripp.....	Columbus
Douglas Claydon Van Horn.....	Columbus
Gary Joseph Vigneau.....	Brooklyn
Robert Leslie Walden.....	Middletown
Michael David Wilson.....	Mentor
John Charles Witzel.....	Upper Sandusky
Jack Douglas Wyatt.....	Piqua
Woodrow Cyrus Young.....	Columbus

School of Social Work

Bachelor of Science in Social Welfare

Eight candidates

Marilyn Beth Harrison.....	Columbus
Ellen Lee Hawkins.....	Cincinnati
Mary Wilson Hiland.....	Cincinnati
Barbara Elaine Hirsch.....	Cleveland Heights
James Ellis Lantz.....	Columbus
Joseph Russell Stambaugh.....	Medina
Barbara Ann Wallace.....	Dayton
David Warren Yingling.....	Mansfield

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

One hundred and seventy-nine candidates

Kay Ann Adams.....	Pataskala
Mary Bacon Alexander, B.Sc. in Bus. Adm.....	Columbus
Barbara Renard Anzuini.....	Mansfield
Nancy Rothermich Baesman.....	Columbus
Kathleen Ruth Bamberger.....	Wooster
Barbara Ann Bandler.....	Shaker Heights
Judith Ann Bartlett.....	Akron
Dawn McCloud Bennett.....	Cambridge
Karen Sue Berger.....	Columbus
Cathy Ellen Berke.....	Shaker Heights
Sheila Hope Berloff.....	Akron
Andrea Elaine Berman.....	Shaker Heights
Diane Lee Bernbaum.....	Haddonfield, N. J.
Virginia Lee Bevier.....	Sandusky
Helen Elizabeth Bihl.....	Washington C. H.
Patricia Fitzer Bolin.....	Columbus
James Edward Boos.....	Huron
Verda Henry Borchers.....	Delaware
Richard Clarke Bowers.....	Columbus
Gene Edward Bowman.....	Lexington
Paula Elaine Boyer.....	Enon
Diane Jones Brandstetter.....	Cleveland
MaryAnn Ida Braun.....	Anna
Donald Kurtz Browne.....	Columbus
Garrett Charles Brusco.....	Newark
Jean Heitchue Burkhalter.....	Columbus
Ora Ann Hurley Burks.....	Columbus
Bonnie Baker Burnside.....	Marysville
Cynthia June Burton, B.A.....	Cincinnati
Ann Ackerman Cameron.....	London
Linda Kay Cessna.....	Cadiz
Alice Kubalek Chaffin.....	Columbus
Francine Lee Cohodas.....	Youngstown
Patricia Ann Cole.....	Cincinnati
*Rhea Kathleen Copening.....	Worthington
Jonathan Lee Cox.....	Lima
Rebecca June Crawford.....	Columbus
Francis Aloysius Csubak.....	Lorain
Carol Lee Culp.....	Norwalk
Joan Anita Cummins.....	Springfield
Jane Evans Curren.....	Bay Village
Fey Li Davis.....	University Heights
Gregory Alan Davis.....	Columbus
Mara Jean Devassie (summa cum laude).....	Columbus
Louis William DiDonato.....	Alliance
Margaret Elizabeth Diehm.....	Norman, Okla.
Anita Contizano Dove.....	Ostrander
Mary Cecilia Downey.....	Napoleon
Julia Ellen Drake.....	Columbus
Marlene Sue Dworkin.....	London

* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

Sue Ann Espenschied.....	New Philadelphia
*Linda Susan Ford.....	Urbana
Linda Harder Foster.....	Columbus
Linda Bennett Galan.....	Cleveland
Frances Josephine Gfrer.....	Mansfield
Steven Paul Gibb.....	Marion
Marcia Anne Gibbins.....	Camden
Judith Ann Gitzinger.....	Dayton
Julie Mayer Gore.....	Canton
Cheryl Raye Green.....	Canton
Carol Ann Greif.....	Highland Park, N.J.
Marlene Kay Griswold.....	Dayton
Melvin Dennis Grossman.....	Toledo
Barbara Recobs Hall.....	Columbus
Edwin Earl Hall.....	West Alexandria
John William Hammel.....	Columbus
Linda Olivia Harrison.....	Miamisburg
Michael Earl Harvin.....	Columbus
Carol Ellen Hazard.....	Columbus
Sharon Marsha Heltzer.....	Columbus
Cathryn Clancy Hill.....	Worthington
James Carroll Hogg.....	Toledo
Virginia Lee Homer.....	Wooster
Lynn Kay Howell.....	Dayton
Linda Kay Huffman.....	Dellroy
Mary Elizabeth Immell.....	Chillicothe
Gail Kathy Johnson.....	Parma Heights
Karen Ann Johnson.....	Columbia Station
Lewis Hershel Johnson.....	Columbus
Gregory Scott Jones.....	Euclid
Susan Leibrock Jones (cum laude).....	Mentor
Barbara Arthur Kadunc.....	East Palestine
Cheryl Ruth Katz.....	Cleveland
Martha Kennedy.....	Cleveland
Sharon Jane Kirk.....	Kettering
Barbara Lynn Klausung.....	Leipsic
Patricia McGuinn Kline.....	Columbus
Barbara Vandemark Kortier.....	Bay Village
Linda Lee Krinn.....	Columbus
Susan Lamorelle.....	Virginia Beach, Va.
Linda Rae Lange.....	Springfield
Dallas Wayne Lehman.....	Orrville
Linda Ethel Lerner.....	Lexington, Ky.
Janie Jo Lewis.....	Columbus
Michael John Liptak.....	Cleveland
Leslee Diann Litt.....	Warren
Lucille Prehoda Logan.....	Akron
Donna Agee Lucas.....	Hamilton
Susan Elizabeth Macklin.....	Columbus
George Nicholas Madden.....	Frazeysburg
John Edward Malin.....	Columbus
Myrna Sylvia Marcus.....	Savannah, Ga.
Nancy Cheryl Marks.....	Canton
Andrea Holden Marsh.....	University Heights
Cheryl Teague Martin.....	Dayton

* Also Bachelor of Arts, College of Arts and Sciences

Joanna Lee McGinnis.....	Columbus
Susan Gail McGraw.....	Dayton
Kenneth Eugene McNutt, Jr.....	Findlay
Mary Melick Meyers, B.Sc. in Bus.Adm.....	Columbus
Linda Martin Miller.....	Seville
Joann Mullen.....	Shaker Heights
Jean Ann Oakes.....	Coshocton
*Julie Lee Ogle.....	Columbus
Margery Ellen Ozias.....	Maplewood, N. J.
Kay Louise Pattison.....	Columbus
Anthony Mario Piccioni.....	Lawrence, Pa.
George Loraine Place, Jr.....	Carrollton
Nancy Virginia Pleska.....	Xenia
Rita Jane Plotle (summa cum laude).....	Warren
Donald Lee Podobnikar.....	Euclid
Susan Miriam Pope.....	Rittman
Linda Lee Potter.....	Geneva
Mary Jane Pumphrey.....	Columbus
Martha Ann Quayle.....	Twinsburg
Linda Davis Ralph.....	Columbus
Merle Emory Redmond.....	San Diego, Calif.
Mary Ann Reinhard.....	Bucyrus
Linda Ruth Riskin.....	Indianapolis, Ind.
Judith Jean Rockhold.....	Columbus
Patricia Holley Rohrer.....	Columbus
James Edwin Ross.....	Columbus
Patricia Elizabeth Ruhe.....	Ottawa
Patty Ann Rutherford.....	Columbus
Susan Joy Sachse (cum laude).....	University Heights
Carol Rita Schaub.....	Toledo
Edith Goldman Scheel.....	Grove City
Robert Frederick Schleppi.....	Columbus
Karen Lynn Schmitt.....	Waverly
Kathleen Sue Schonmeyer.....	Cleveland
Lynn Ellen Semrau.....	North Canton
Roberta Jane Shanholtz.....	Wilmington
Marilyn Adele Shapero.....	South Euclid
Pamela Light Sharni.....	Columbus
Sandra Elizabeth Sheffey.....	Columbus
Lee St. John Shillito.....	Columbus
Ellen Shellhorn Sieder.....	Marion
*Robert Lee Silvey.....	Columbus
Anne Simmons Sneary, B.F.A.....	Delaware
Richard Louis Spoonster.....	Barberton
Karen Richards Stailey.....	Columbus
Rebecca Sue Staley.....	Lima
Karl Heinz Stechele.....	Cleveland
Kathleen Gibbons Stephens.....	Seven Hills
Veronica Lee Sternecker.....	Columbus
Margaret Anne Sterner (summa cum laude).....	Indianapolis, Ind.
Bonnie McEntire Street.....	Columbus
Barbara Ann Suder.....	Cincinnati
Gary Ronald Taylor.....	Hilliard
Karen Marie Taylor.....	Mansfield
Sharon Ann Thiemann.....	Cincinnati
Betty Jean Thomas.....	Amanda

* Also Bachelor of Arts, College of Arts and Sciences

Mary Fast Thompson.....	Columbus
Mary Lynn Trego.....	Grove City
Harry Maurice Truax, B.A. (Saint Charles Borromeo Seminary, Wickliffe)	Cleveland
Benjamin Franklin Vetter, Jr.....	Campbell, N. Y.
Judy Ann Wagner.....	Steubenville
Barbra Gayle Waingar.....	Akron
Winifred Gamber Waite.....	Chesterville
Janis Senseman Watson.....	Dayton
*Pamela Marie Willard.....	Mason
Judith Ann Wilson.....	New Straitsville
David Warren Wilt.....	Lima
Carol Boeke Wroblewski.....	Columbus
Linda Beth Young.....	Cleveland Heights
Marcia Dunn Young.....	Youngstown
James Smith Zehner.....	Pittsburgh, Pa.
Jane Marie Zimmerman.....	Wellington
Richard Joseph Zitto.....	Lisbon
Fred Richard Zupancic, B.A.....	Euclid

Bachelor of Fine Arts

Fourteen candidates

Kristin Eleanor Augustine.....	Bellefontaine
Brian Christopher Baby.....	Worthington
Claire Witmer Brandow.....	Woodville
Leonard Rider Brice.....	Shaker Heights
Michael Dwight Covell.....	Delaware
Sandra Hill Johnson.....	Washington C. H.
Joseph Paul Jordan.....	Columbus
Mary Anne Kavanaugh.....	Columbus
Lynn Kiracofe.....	Mt. Vernon
Wilbert Raymond Martin.....	Norris City, Ill.
Kathleen Ann McAuley.....	Toledo
Marjorie Kathleen Nemeth.....	Chagrin Falls
Paul Palnik.....	Cleveland Heights
Myrwood Barton Sutton.....	New Philadelphia

* Also Bachelor of Arts, College of Arts and Sciences

College of Engineering

Dean: Harold A. Bolz

Bachelor of Agricultural Engineering

One candidate

*Dennis Paul Stombaugh.....Bryan

Bachelor of Ceramic Engineering

Two candidates

Hudson Gerard Jayne.....Chillicothe

David Lynn Sheets.....Gallipolis

Bachelor of Civil Engineering

Ten candidates

Neil Clark Babb.....London

*James Russell Bailey (cum laude).....New Philadelphia

George Louis Butzer.....Eastlake

Charles Harold Hilsmann.....Columbus

William Robert Miller.....Port Jefferson, N. Y.

Richard Roy Rector.....Columbus

Paul Wesley Simmons (cum laude).....Columbus

Floyd Emerson Wicks.....Warren

Richard Lyle Williams.....Westerville

Robert George Wojtas.....Cleveland

Bachelor of Electrical Engineering

Seven candidates

Harley Richard Beatty.....Mingo Junction

Eugene Vincent Brinkman.....Lima

*Walter Dennis Burnside (summa cum laude).....Niles

Rudolph Lyles.....Columbus

Rex Ralph Rickly.....Lakeville

Edward Eugene Tablett.....Fredericktown

*Eugene Ralph Wertz.....Tiffin

Bachelor of Industrial Engineering

Three candidates

James Keith Anderson.....Columbus

Mehmet Ruknet Cezzar.....Kemaliye, Turkey

John Paul Connelly.....Elmira, N. Y.

Bachelor of Mechanical Engineering

Four candidates

William Probert Davis.....Gnadenhutten

Richard Allen McGinnis.....Tiffin

Rex Eugene Ritchie.....Van Wert

David Willard Robinson.....Lakewood

* Also Master of Science, Graduate School

Bachelor of Metallurgical Engineering

Five candidates

Larry Wayne Cupp.....	Laurelville
Stephen Donald Foster.....	Dallas, Tex.
David Clinton Langstaff.....	Lima
Michael Allan Thurston.....	Columbus
Thomas Andrew Wiktorowski.....	Garfield Heights

Bachelor of Science in Physics

One candidate

Phillip Michael Hoskins.....	Conneaut
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College of Medicine

Dean: Richard L. Meiling

School of Allied Medical Professions

Bachelor of Science in Medical Illustration

One candidate

Eleanor Wood McFarland.....Wyncote, Pa.

Bachelor of Science in Medical Technology

Eight candidates

Jean Rintamaa Barbour.....Ashtabula
Nancy Louise Basnik.....Fairview Park
Marylou Helt Hill.....Leetonia
Jerry Glenn Kilgore.....Lima
Judith Ann Mitchell.....Columbus
Mary Margaret Webb Mudrak.....Bay Village
Paul Novak.....Larchmont, N. Y.
Judith Ann Rader.....Niles

Bachelor of Science in Occupational Therapy

Seven candidates

Barbara Ann Cemashko.....Gahanna
Marilyn Ann Groves.....Cincinnati
Carol Mezzacappa Lasko.....Mentor
Barbara Jean Miller.....Worthington
Nancy Jean Oetting.....Rocky River
Jane Louise Sayre.....Springfield
Carole Lee Weil.....Dayton

Certificate of Nurse Anesthetist

One candidate

Jean Isabella Marshall, B.Sc. in Nurs.....Newcomerstown

School of Nursing

Bachelor of Science in Nursing

Thirteen candidates

Sheryl Marie Amos.....South Whitley, Ind.
Mary Alice Birmingham.....Brooklyn
Katherine Beardslee Dickie.....Wheeling, W. Va.
Lorena Frances Downs.....Sunbury, Pa.
Ethel Maxine French.....Coshocton
Pamela Ann Gregg.....Dayton
Bette Furuki Idemoto.....Cleveland
Helena Cleber Karn.....Parma
Mary Ann Sovich Keylor.....Euclid
Patricia Diane Knight.....Columbus
Nancy Ann Pierce.....East Canton
Carolyn Jane Thornhill.....Winter Haven, Fla.
Elizabeth Ann Yetzer.....Shelby

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

Three candidates

Ronald Mack Beal, B.Sc., B.Sc. in Opt.....	Lancaster
Marvin Lee Pflaumer, B.Sc., B.Sc. in Opt.....	Fairborn
Robert Dale Strohl, B.Sc. in Opt.....	Columbus

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

Three candidates

Charles Dwight Braswell.....	Barberton
Joanne Kallal Shade.....	Blacklick
Neil Pastor Shnider.....	Columbus

Candidates for Two Degrees

James Russell Bailey.....	New Philadelphia
<i>Master of Science</i>	
<i>Bachelor of Civil Engineering (cum laude)</i>	

Walter Dennis Burnside.....	Niles
<i>Master of Science</i>	
<i>Bachelor of Electrical Engineering (summa cum laude)</i>	

Rhea Kathleen Copenig.....	Worthington
<i>Bachelor of Science in Agriculture</i>	
<i>Bachelor of Science in Education</i>	

Linda Susan Ford.....	Urbana
<i>Bachelor of Arts</i>	
<i>Bachelor of Science in Education</i>	

Julie Lee Ogle.....	Columbus
<i>Bachelor of Arts</i>	
<i>Bachelor of Science in Education</i>	

Robert Lee Silvey.....	Columbus
<i>Bachelor of Arts</i>	
<i>Bachelor of Science in Education</i>	

Dennis Paul Stombaugh.....	Bryan
<i>Master of Science</i>	
<i>Bachelor of Agricultural Engineering</i>	

Eugene Ralph Wertz.....	Tiffin
<i>Master of Science</i>	
<i>Bachelor of Electrical Engineering</i>	

Pamela Marie Willard.....	Mason
<i>Bachelor of Arts</i>	
<i>Bachelor of Science in Education</i>	

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND TWENTY-NINTH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 11, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, April 11, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, John G. Ketterer, James W. Shocknessy, and William C. Safford.

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Minutes of the last meeting were approved.

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April 11, 1968 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

The 1967 Annual Report for The Ohio State University Research Foundation was distributed to each member of the Board of Trustees, and the Secretary was instructed to file a copy of the report with the official records of the Board.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Amendments to Rules for the University Faculty
(53.0701, 53.0702, 53.0703, 29.2709, and 54.07)

For the past two years, the Constitution of the Undergraduate Student Body has been under study and careful review by the Council on Student Affairs and the Faculty Council. Upon the recommendation of the University Committee on Rules, the Faculty Council at its meeting on March 12, 1968, approved the following amendments to the Rules for the University Faculty to bring them in accord with the newly adopted Constitution of the Undergraduate Student Body.

President Fawcett recommended therefore:

1. That the amended Section 53.07 of the Rules for the University Faculty as recorded in Appendix VI, page 587, be adopted.
2. That Rule 29.2709 of the Rules for the University Faculty be amended to substitute "Student Assembly" where "Student Senate" now appears in the Rules and that Section 5 be deleted and Section 6 be renumbered as Section 5.
3. That Rule 54.07 be deleted since it is no longer applicable.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to make said revisions in the Rules for the University Faculty.

B. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - Clarence Christian Keller

Pursuant to the procedures established by the Board of Trustees on June 28, 1930, the faculty of the College of Engineering has nominated Clarence Christian Keller, President of Holophane Company, Inc., New York City, for the Benjamin G. Lamme Meritorious Achievement Medal to be awarded at a subsequent commencement.

April 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Recommendation for the Benjamin G. Lamme Meritorious Achievement Medal - Clarence Christian Keller (continued)

President Fawcett recommended that this nomination be approved by the Board of Trustees.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the above recommendation was approved by unanimous roll call vote.

C. Naming of Street

President Fawcett recommended that the access drive from Route 95 to the parking lot, Marion Branch Campus, be named "University Drive," as proposed by the Advisory Board for the Marion Branch of The Ohio State University. The recommendation has the approval of Dean Richard H. Zimmerman, University College.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the above recommendation was approved by unanimous voice vote.

D. Amendments to Memorandum of Agreement Between The Ohio State University and The Ohio State University Research Foundation

The United States Department of Health, Education, and Welfare has requested that the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation be amended to clarify the legal obligation of the Research Foundation to return to the University all applicable indirect costs recovered from sponsors of research grants and contracts.

President Fawcett recommended therefore, with the concurrence of the Executive Committee of The Ohio State University Research Foundation and the special counsel of the Attorney General of Ohio, that the said Memorandum of Agreement be amended as detailed in Appendix VII, page 591.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendation by unanimous roll call vote.

E. Report of Auditor of State to The Ohio State University

The Annual Report of the Auditor of State for the fiscal year 1966-67 has been received. The report indicates the books and records of The Ohio State University are in excellent condition and that all accounts are in order.

President Fawcett recommended that the receipt of the Annual Report of the Auditor of State be noted in the minutes of this meeting and that it be filed with the official documents of the Board of Trustees.

Upon motion of Mr. Ketterer, seconded by Dr. Thomas, the above recommendation was approved by unanimous voice vote.

April 11, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Honorary Degrees - Amendment to Rule 11.05,
Responsibility and Authority of the President

Upon the recommendation of the Faculty Advisory Committee to the President and the Board of Trustees, the Faculty Council on March 12, 1968, approved the following amendment to Rule 11.05 of the Rules for the University Faculty:

After consultation with the Faculty Advisory Committee to the President and the Board of Trustees, the President may recommend to the Board of Trustees candidates for honorary degrees. The number of candidates so recommended shall be limited to two per calendar year. This right and its limitation in no way abrogates the power of the Faculty Council to recommend candidates for honorary degrees (Rule 29.15.d).

The above new entry is to be numbered "Section 3" and the section now going by that number is to be designated "Section 4."

The above action of the Faculty Council to amend Rule 11.05 was presented to the Board of Trustees with the recommendation that it be adopted.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to make said revision in the Rules for the University Faculty.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the March 14, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University, be approved by the Board. These changes included the following Change in Administrative Responsibility, Leave of Absence With Salary, and Leave of Absence Without Salary:

A. Change in Administrative Responsibility

John D. Briggs changed from Associate Dean, College of Biological Sciences, to Acting Dean, College of Biological Sciences, effective April 1, 1968, at a salary of \$20,868.00 per annum. Dr. Briggs will continue to hold the academic rank of Professor in the College of Biological Sciences.

B. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

April 11, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leave of Absence With Salary (continued)

Kenneth S. Rinehart, Assistant Professor (Area Extension Agent, Dairy), effective April 1, 1968 through June 15, 1968, to participate in a program of professional improvement at The Ohio State University.

C. Leave of Absence Without Salary

Georgia Gwinner, Instructor, Department of Medicine, effective April 1, 1968 through June 30, 1968, for personal reasons.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the Change in Administrative Responsibility, Leave of Absence With Salary, Leave of Absence Without Salary, and the personnel budget actions as recorded in the official "Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" an official document of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and
The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on September 5, 1950, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Dental Research, Bethesda, Maryland, Varied Posterior Occlusions (to be known as National Institutes of Health Project No. 907-H - Ext. #8 - College of Dentistry).
Gross Value - \$10,538.00.
- a2. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Disease Prevention and Environmental Control, Washington, D. C., Significance of Spore-Forming Microorganisms in Milk (to be known as National Institutes of Health Project No. 1046-H - Ext. #8 - Department of Dairy Technology).
Gross Value - \$26,553.00.
- a3. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health - National Cancer Institute, Bethesda, Maryland, Southwest Cooperative Chemotherapy Study Group (to be known as National Institutes of Health Project No. 1094-H - Ext. #8 - Department of Medicine).
Gross Value - \$31,480.00.

April 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a4. National Aeronautics and Space Administration, Washington, D. C.,
Biological Effects of Prolonged Exposure of Animals to Unusual
Gaseous Environments (to be known as National Aeronautics and
Space Administration Project No. 1492 - Sup. #4 - Department of
Physiology).
Gross Value - \$31,986.00.
- a5. Air Force Office of Scientific Research, Arlington, Virginia,
Supersonic Combustion and Burning (to be known as Air Force
Office of Scientific Research Project No. 2153-B - Mod. #1 -
Department of Aeronautical and Astronautical Engineering).
Gross Value - \$42,167.00.
- a6. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - Allergy and Infectious
Diseases, Bethesda, Maryland, Lysosomes in Viral-Induced
Cytopathologies (to be known as National Institutes of Health
Project No. 2164-B - Ext. #2 - College of Biological Sciences).
Gross Value - \$22,917.00.
- a7. Electronics Systems Division, Air Force Systems Command,
Bedford, Massachusetts, Asymptotic High Frequency Methods (to
be known as Electronics Systems Division Project No. 2183 -
Mod. #3 - Department of Electrical Engineering).
Gross Value - \$25,000.00.
- a8. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - Bureau of Disease Pre-
vention and Environmental Control, Washington, D. C., Graduate
Training Program in Medical Technology (to be known as National
Institutes of Health Project No. 2230-B - Ext. #2 - Department of
Pathology).
Gross Value - \$42,650.00.
- a9. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - Neurological Diseases and
Blindness, Bethesda, Maryland, Effect of Magnesium Deficiency on
Adrenergic Neurons (to be known as National Institutes of Health
Project No. 2310-A - Amend. #1 - Department of Pharmacology).
Gross Value - \$10,487.00.
- a10. U. S. Atomic Energy Commission, Argonne, Illinois, Knudsen
and Molecular Diffusion of Gases in Capillaries and Porous Solids
Over Large Pressure Ranges (to be known as U. S. Atomic Energy
Commission Project No. 2381-A - Mod. #1 - Department of
Chemical Engineering).
Gross Value - \$14,913.00.

April 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a11. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., Social Studies Curriculum Development Project in the Development and Testing of Instructional Materials, Teaching Guides, and Content Units on the History and Culture of Sub-Saharan Africa for Use at Selected Grade Levels in Secondary Schools (to be known as Office of Education Project No. 2405 - Amend. #1 - College of Education).
Gross Value - \$67,810.00.
- a12. Aeronautical Systems Division, Air Force Systems Command, WPAFB, Ohio, Research on Materials and Associated Problems (to be known as Aeronautical Systems Division Project No. 2414 - Amend. #5 - Research Foundation Internal Supervision).
Gross Value - \$16,598.00.
- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Allergy and Infectious Diseases, Bethesda, Maryland, Nucleic Acid and Protein Synthesis in Acanthamoeba (to be known as National Institutes of Health Project No. 2437-A - Mod. #1 - College of Biological Sciences).
Gross Value - \$23,704.00.
- a14. Systems Engineering Group, Aeronautical Systems Division, WPAFB, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #4 - Research Foundation Internal Supervision).
Gross Value - \$170,000.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Environmental Health, Bethesda, Maryland, Mercaptocyclopropylamines: Radiation Protection Agents (to be known as National Institutes of Health Project No. 2460-A - Ed. #1 - College of Pharmacy).
Gross Value - \$11,285.00.
- a16. Department of Health, Education, and Welfare, Public Health Service, National Center for Chronic Disease Control, Arlington, Virginia, Primary Prevention of Coronary Heart Disease (to be known as National Center for Chronic Disease Control Project No. 2511 - Amend. #1 - Department of Preventive Medicine).
Gross Value - \$96,671.00.

April 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a17. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Arthritis and Metabolic Diseases, Bethesda, Maryland, Studies of Iron-Containing Enzymes (to be known as National Institutes of Health Project No. 2529-A - Ext. #1 - Department of Medicine).
Gross Value - \$26,712.00.
- a18. National Science Foundation, Washington, D. C., Studies in Polar Glaciology (to be known as National Science Foundation Project No. 2574 - New - Institute of Polar Studies).
Gross Value - \$2,900.00.
- a19. Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Tuneable Oscillator (to be known as Aeronautical Systems Division, Air Force Systems Command Project No. 2586 - New - Department of Electrical Engineering).
Gross Value - \$90,000.00.
- a20. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Arthritis and Metabolic Diseases, Bethesda, Maryland, Role of Biliary Phospholipids in Gallstone Formation (to be known as National Institutes of Health Project No. 2599 - New - Department of Surgery).
Gross Value - \$14,429.00.
- a21. U. S. Department of Labor, Office of Manpower, Policy, Evaluation and Research, Washington, D. C., National Longitudinal Studies of the Labor Force Behavior of National Samples of Men (45-59), Women (30-44), and Male and Female Youth (14-24) (to be known as Office of Manpower, Policy, Evaluation and Research Project No. 2600 - New - Department of Economics).
Gross Value - \$141,735.00.
- a22. National Aeronautics and Space Administration, Washington, D. C., Combined Conductive and Radiative End Wall Heat Transfer Behind Reflected Shock Waves in Air and Nitrogen (to be known as National Aeronautics and Space Administration Project No. 2601 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$15,000.00.

April 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a23. USAF, Rome Air Development Center, Griffiss Air Force Base
New York, Analysis of Sandwich Material (to be known as Rome
Air Development Center Project No. 2602 - New - Department of
Mechanical Engineering).
Gross Value - \$18,044.00.

TOTAL - Government Contracts - Federal \$953,579.00

2. Industrial and Other Contracts

- a1. American Heart Association, Inc., New York, New York, Com-
partmentation of Heart Mitochondria (to be known as American
Heart Association, Inc. Project No. 2234-B - Ext. #2 - Department
of Physiological Chemistry).
Gross Value - \$12,705.00.
- a2. American Heart Association, Inc., New York, New York, Diastolic
Retrograde Myocardial Perfusion During Coronary Occlusion (to
be known as American Heart Association, Inc. Project No. 2418-A -
Ext. #1 - Department of Surgery).
Gross Value - \$11,330.00.
- a3. American Heart Association, Inc., New York, New York, Integrated
Study of the Coronary System in Intact Dogs (to be known as Ameri-
can Heart Association, Inc. Project No. 2422-A - Ext. #1 - Depart-
ment of Physiology).
Gross Value - \$12,485.00.
- a4. American Heart Association, Inc., New York, New York, Intra-
Hepatic Control of Arterial and Portal Inflow to the Liver (to be
known as American Heart Association, Inc. Project No. 2491-A -
Ext. #1 - Department of Physiology).
Gross Value - \$9,515.00.
- a5. Heart Association of Eastern Ohio, Youngstown, Ohio, and North-
western Ohio Heart Association, Toledo, Ohio, Pathology of
Spontaneous and Experimental Canine Cardiac Hypertrophy and
Congestive Heart Failure (to be known as Heart Association of
Eastern Ohio and Northwestern Ohio Heart Association Project No.
2570 - Mod. #1 - Department of Veterinary Pathology).
Gross Value - \$1,101.75.
- a6. Babcock and Wilcox, Atomic Energy Commission, Lynchburg,
Virginia, Metallurgical Examination of Type 304 Stainless Cladding
(to be known as Babcock and Wilcox Project No. 2596 - New -
Department of Metallurgical Engineering).
Gross Value - \$65,176.00.

April 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a7. Northwestern Ohio Heart Association, Toledo, Ohio, Local Control of Hepatic Arterial and Portal Venous Blood Flow as Studied in a Completely Ex Vivo Perfused Liver Preparation (to be known as Northwestern Ohio Heart Association Project No. 2597 - New - Department of Physiology).
Gross Value - \$4,168.00.
- a8. Northwestern Ohio Heart Association, Toledo, Ohio, A Study of Stress Relaxation and Myocardial Contraction (to be known as Northwestern Ohio Heart Association Project No. 2598 - New - Department of Physiology).
Gross Value - \$4,226.25.
- a9. National Academy of Engineering, Washington, D. C., A Study of and a Proposed Program for the Effective Interplay of Engineering With Biology and Medicine in a Local Community (to be known as National Academy of Engineering Project No. 2603 - New - Department of Electrical Engineering).
Gross Value - \$21,282.00.

TOTAL - Industrial and Other Contracts \$141,989.00

The foregoing thirty-two contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$1,095,568.00.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from February 28, 1968 through March 26, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

EES 311X	Effect of Signal Spacing on Platoon Dispersion, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$9,000.00.
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April 11, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

EES 312X	Investigation of the Influence of Subsurface Slip Features on the Slope Stability of Some Residual Clay Soils of Southeastern Ohio, Ohio Department of Highways, Columbus, Ohio. Gross Value - \$15,000.00.
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The foregoing two contracts for research in the Engineering Experiment Station represent a gross income of \$24,000.00.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since March 14, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$430,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the College Work-Study Program, for the period July 1, 1968 through December 31, 1968.
2. \$325,500.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Health Manpower Educational Services, Arlington, Virginia 22203, to the University for a Health Professions Educational Improvement Program, under the direction of the College of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 CH 1004-03)
3. \$325,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Health Manpower Educational Services, Arlington, Virginia 22203, to the University for a Health Professions Educational Improvement Program, under the direction of the College of Dentistry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 CH 1106-03)
4. \$320,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for Educational Opportunity Grants Program, for the period July 1, 1968 through June 30, 1969.

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

5. \$114,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Health Manpower Educational Services, Arlington, Virginia 22203, to the University for a Health Professions Educational Improvement Program, under the direction of the College of Optometry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 CH 1165-03)
6. \$103,684.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Traineeships in Surgery," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 GM01539-03)
7. \$67,618.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Traineeships in Pharmacology," under the direction of the Department of Pharmacology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 GM01417-04)
8. \$54,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Curriculum Development in Industrial Arts for Elementary School Programs," under the direction of the College of Education, for the period December 7, 1967 through September 30, 1968. (Grant No. OEG-0-8-080410-2117 075)
9. \$49,933.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Visual Arts - Arts and Humanities," under the direction of the School of Art, for the period December 7, 1967 through September 30, 1968. (Grant No. OEG-0-8-080711-2091 024)
10. \$25,490.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University for a Research Career Development Award entitled "Energy Conversion in Primary Bio-Photoprocesses," under the direction of the Department of Physics, for the period April 1, 1968 through March 31, 1969. (Grant No. 5 K03 GM21946-05)
11. \$25,000.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Faculty Development Program" as authorized under Title VI-B of the Higher Education Act of 1965, for the period July 1, 1968 through June 30, 1969. (Project No. 8/2046)

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

12. \$3,700.00 granted by State of Ohio, Department of Education, Division of Vocational Education, Columbus, Ohio, to the University for a "Summer Workshop - Vocational Teacher Education in Business and Office Education," under the direction of the College of Education.

TOTAL - Through the Office of Business and Finance \$1,843,925.00

B. Received Through The Ohio State University Development Fund

1. \$15,540.00 from Bell Telephone Laboratories for the Bell Telephone Teaching and Research Fund.
2. \$11,008.00 from The Ohio Nurserymen's Association, Inc., and alumni and friends of the University for the establishment of the L. C. Chadwick Research Fund.

L. C. Chadwick Research Fund

The L. C. Chadwick Research Fund was established April 11, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from The Ohio Nurserymen's Association, Inc., and alumni and friends of the University, to honor Lewis C. Chadwick, Professor Emeritus, Department of Horticulture and Forestry.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates. Income is to be used annually in support of any research needs in the general field of landscape horticulture with preference being given to the support of a research assistantship in this or a closely related subject matter field.

Should the need for this research effort cease to exist, or so diminish as to provide unused income, or should emphasis in the general field of landscape horticulture at The Ohio State University cease to exist, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference being given to recommendations from the appropriate administrative official of The Ohio State University with emphasis insofar as possible in the general field of landscape horticulture research.

3. \$10,967.40 in securities from George T. Wright for the establishment of the Wright Memorial Steel Castings Educational Fund.

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

3. The Wright Memorial Steel Castings Educational Fund

The Wright Memorial Steel Castings Educational Fund was established April 11, 1968, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from George T. Wright, B.I.E. '32, Cleveland, Ohio, in memory of his father and mother, Frank G. and Christine M. Wright, and his brother, Walter F. Wright.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees.

The income is to be used annually by the Department of Metallurgical Engineering to apply toward payment of University tuition and fees for a student and/or support costs incurred in the research and preparation of a thesis by a senior or a graduate student of the Department, whose study or research concerns problems related to steel castings or related to the steel castings industry.

Should the need for this income cease to exist or so diminish as to provide unused income, through any reorganization of the University, then the income may be used at the discretion of the Board of Trustees for any purpose whatsoever, with preference being given to recommendations from the appropriate administrative official of the University who is directly responsible for student study or research in steel castings problems.

4. \$7,500.00 from the Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York--\$3,750.00 for the Emmet Blakeney Gleason Scholarship Fund and \$3,750.00 as an unrestricted gift to the College of Engineering.
5. \$6,750.00 from Alfred P. Sloan Foundation for the Sloan Foundation Scholarship Fund.
6. \$6,000.00 from The John and Mary R. Markle Foundation for investigation of the Mechanism of Hypertension Fund in the College of Medicine.
7. \$5,850.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for the American Foundation for Pharmaceutical Education Fellowship Fund.
8. \$5,289.00 from Mark L. Morris Animal Foundation, Denver, Colorado, for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
9. \$5,000.00 from Ferro Corporation, Cleveland, Ohio, for the Ferro Corporation Fellowship Fund.

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

10. \$5,000.00 from Republic Steel Corporation's Educational and Charitable Trust, Cleveland, Ohio, for the John W. Bricker Professorship in the College of Law.
11. \$4,500.00 from Minnesota Mining & Manufacturing Company--\$3,300.00 for the 3M Fellowship in Ceramic Engineering and \$1,200.00 for the 3M Scholarship in the College of Engineering.
12. \$4,060.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
13. \$3,564.64 from the family and friends of the late First Lieutenant Medard A. J. Ruehle, for the establishment of The Medard A. J. Ruehle Memorial Award Fund.

The Medard A. J. Ruehle Memorial Award Fund

The Medard A. J. Ruehle Memorial Award Fund was established April 11, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the family and friends of the late First Lieutenant Medard A. J. Ruehle, B.Sc. Agr. '64, M.A. '65.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates. Income is to be used to provide an award for students in the College of Agriculture and Home Economics who have completed six or more quarter hours of college work or its equivalent.

Should the need for these awards cease to exist or so diminish as to provide unused income, then the income may be used at the discretion of the Board of Trustees for any purpose whatsoever, with preference being given to recommendations from the appropriate administrative official of the University who is directly responsible for agricultural education.

14. \$3,375.00 from United Health Foundation, Inc., New York, New York, for the United Health Foundation of Central Stark County.
15. \$3,000.00 from Irene D. Hirsch for the Reckless Canada and Puerto Rico Research Fund.
16. \$3,000.00 from Michael Peppe for the Michael Peppe Scholarship Fund.
17. \$2,600.00 from The Charles Taylor Sons' Company for The Charles Taylor Sons' Company Fellowship in Ceramic Engineering.

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

18. \$2,500.00 from Yassenoff Foundation, Inc. (In the name of Leo Yassenoff) for the Class of 1916 Fiftieth Anniversary Fund.
19. \$2,000.00 from Public Welfare Foundation, Inc. for research in cardiovascular surgery.
20. \$2,000.00 from the Trustees of The Link Foundation for The Link Foundation Fund for Aviation Medicine.
21. \$2,000.00 from Mervin B. France for the Novice G. Fawcett Professorship in Educational Administration.
22. \$1,692.79 from Clair W. Young for the Ohio 4-H Club Foundation Fund.
23. \$1,500.00 from Golf Course Superintendents Association of America for the Golf Course Superintendents Association of America Research Fund.
24. \$1,500.00 from Union Commerce Bank - Trust Department for the John W. Bricker Professorship in the College of Law.
25. \$1,350.00 from The Edward Orton, Jr. Ceramic Foundation for The Edward Orton, Jr. Foundation Fellowship in Mineralogy Fund.
26. \$1,200.00 from Union Carbide Corporation, Linde Division, for the Union Carbide Corporation Fellowship in Welding Engineering.
27. \$1,200.00 from Union Carbide Corporation, Materials Systems Division, for the Union Carbide Corporation Fellowship in Welding Engineering.
28. \$1,188.00 from Dr. Ronald B. Berggren for the Plastic Surgery Fund in the College of Medicine.
29. \$1,000.00 from Union Oil Company of California Foundation for the Union Oil Petroleum Scholarship Fund in the Department of Chemical Engineering.
30. \$1,000.00 from The Jewish Community Federation of Cleveland for the Shirley and Robert C. Coplan Scholarship Fund.
31. \$1,000.00 from The Resler Foundation for the John B. Fullen Scholarship Fund.
32. \$1,000.00 from The Simon Lazarus Family Foundation as an undesignated gift to the University.
33. \$1,000.00 from the Shoe Corporation of America (In the name of Herbert H. Schiff) for the Shoe Corporation of America Student Loan Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$126,134.83

April 11, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gift-in-Kind

1. A gift of a 1500^o C. Dilatometer from The Edward Orton, Jr. Ceramic Foundation for use in the Department of Ceramic Engineering.

D. Change in Name and Description of Emil H. Arnold Fund for Optometry

In November, 1944, through a gift from Dr. Emil H. Arnold of Ann Arbor, Michigan, an endowment fund was established and identified as the Emil H. Arnold Optometric Scholarship Fund. Dr. Arnold has requested that the fund description and name be changed, and President Fawcett recommended that the said fund description and name be changed to read as follows:

Emil H. Arnold Fund for Optometry

The Emil H. Arnold Fund for Optometry was established November 17, 1944, by a gift through the Development Fund from Dr. Emil H. Arnold.

Income is to be used for either undergraduate or graduate student scholarships for students in the College of Optometry, with priority given to students attending The Ohio State University from the State of Michigan.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the College of Optometry cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for optometric education.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the acceptance of the foregoing grants and gifts, the establishment of the above-named funds, and the change in name and description of the above-identified fund were approved by unanimous roll call vote, and the Secretary was instructed to include the report in the minutes of this meeting.

E. Report from The Ohio State University Development Fund

In February, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	728	\$ 46,369.31
Individuals other than alumni	99	5,503.95
Nonprofit organizations	48	78,162.57
Business concerns	23	41,977.19
	898	\$172,013.02

Of these gifts, 433 totaling \$3,169.87 were undesignated and 465 totaling \$168,843.15 were designated.

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April 11, 1968 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported.

A. Wright State Campus - Phase IV

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,374,553.00	\$2,425,675.25	\$ 51,122.25

B. Ohio Union - Third Floor Addition, South Wing

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 446,854.00	\$ 453,602.59	\$ 6,748.59

C. Aircraft Apron and Fire-Crash and Rescue Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 142,756.65	\$ 153,612.97	\$ 10,856.32

D. Chemistry Research Facilities

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,328,081.00	\$1,408,796.96	\$ 80,715.96

E. Additional Stacks for Main Library

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 269,433.00	\$ 267,247.00	(\$ 2,186.00)

F. Stadium Dormitory Kitchen

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 132,854.00	\$ 131,948.42	(\$ 905.58)

G. Engineering Classrooms and Laboratories

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,105,090.00	\$2,223,227.05	\$118,137.05

April 11, 1968 meeting, Board of Trustees

V. EXTRAS AND CREDITS TO CONTRACTS (continued)

H. Materials Engineering and Science Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$2,015,192.00	\$2,023,624.00	\$ 8,432.00

Upon motion of Mr. Safford, seconded by Mr. Ketterer, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. Library Elevator Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (2 bids received 3-26-68)		
Henry A. Justus, Inc. (Columbus)	\$ 22,536.00	\$ 25,000.00

Funds for this project are provided from Budget Account 801152 (Construction Account for Library Elevator Remodeling).

B. Graduate Research Center for Biological Sciences

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (6 bids received 9-6-67)		
Sheaf Construction Co. (Columbus)		
Base Bid	\$3,179,000.00	\$3,419,000.00
Negotiated Changes	- 49,281.00	
Alt. G-1 Vibration Isolation	+ 7,800.00	+ 4,500.00
Alt. G-2 Room 621F *	+ 7,800.00	+ 13,000.00
Alt. G-3 Room 611E *	+ 7,800.00	+ 13,000.00
Alt. G-4 Room 622F *	+ 7,800.00	+ 13,000.00
Alt. G-5 Room 612E *	+ 7,800.00	+ 13,000.00
Alt. G-6 Rubber Base on Benches	+ 160.00	+ 300.00
Alt. G-7 Asphalt Paving, Parking Areas	+ 2,000.00	+ 4,000.00
Total Contract	<u>\$3,170,879.00</u>	<u>\$3,479,800.00</u>

*Controlled Environmental Rooms, Sixth Floor

April 11, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Graduate Research Center for Biological Sciences (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(2 bids received 3-15-68)		
Gesling Co. (Lancaster)		
Base Bid	\$ 715,000.00	\$ 683,000.00
Alt. P-1 Vibration Isolation	+ 850.00	+ 100.00
Alt. P-3 6th Floor Area	+ 45,625.00	+ 30,000.00
Total Contract	<u>\$ 761,475.00</u>	<u>\$ 713,100.00</u>

Heating, Ventilating, and Air
Conditioning Contract

(5 bids received 3-15-68)		
Sam P. Wallace Co. (Dallas, Texas)		
Base Bid	\$1,167,647.00	\$1,474,000.00
Alt. HVAC-1 Glycol Preheat System	+ 3,000.00	+ 700.00
Alt. HVAC-2 6th Floor Area	+ 22,800.00	+ 37,000.00
Total Contract	<u>\$1,193,447.00</u>	<u>\$1,511,700.00</u>

Electrical Contract

(1 bid received 3-15-68)		
States Electric Co. (Columbus)		
Base Bid	\$ 773,500.00	\$ 670,000.00
Alt. E-1 Glycol Preheat System	No Change	+ 50.00
Alt. E-2 6th Floor Area	+ 24,500.00	+ 27,000.00
Total Contract	<u>\$ 798,000.00</u>	<u>\$ 697,050.00</u>

Laboratory Equipment Contract

(4 bids received 9-6-67)		
Royal School Laboratories (Richmond, Virginia)		
Base Bid	\$ 649,177.00	\$ 780,000.00
Alt. EQ-1 Vibration Isolation in Rooms 911 and 957	+ 107.00	+ 700.00
Alt. EQ-2 Add Wall Benches	+ 454.00	+ 800.00
Alt. EQ-3 Add Wall Benches	+ 454.00	+ 800.00
Alt. EQ-4 Add Wall Benches	+ 454.00	+ 800.00
Alt. EQ-5 Add Wall Benches	+ 454.00	+ 800.00
Alt. EQ-6 Add Island Benches	+ 17,285.00	+ 32,000.00
Total Contract	<u>\$ 668,385.00</u>	<u>\$ 815,900.00</u>

Automatic Controls Contract

(2 bids received 3-15-68)		
Honeywell, Inc. (Columbus)		
Base Bid	\$ 143,750.00	\$ 145,000.00
Alt. AC-1 Preheat System Controls	+ 4,300.00	+ 500.00
Alt. AC-2 6th Floor Area	+ 3,300.00	+ 3,000.00
Total Contract	<u>\$ 151,350.00</u>	<u>\$ 148,500.00</u>

April 11, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

B. Graduate Research Center for Biological Sciences (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Insulation Contract</u>		
(3 bids received 3-15-68)		
Sam P. Wallace Co. (Dallas, Texas)		
Base Bid	\$ 150,000.00	\$ 165,000.00
Alt. IN-1 Preheat System	+ 3,500.00	+ 300.00
Alt. IN-2 6th Floor Area	+ 2,600.00	+ 5,000.00
Total Contract	<u>\$ 156,100.00</u>	<u>\$ 170,300.00</u>
 <u>Total All Contracts</u>	 <u>\$6,899,636.00</u>	 <u>\$7,536,350.00</u>

Funds for this project are provided from Item 315-031, H. B. 886, a Title I grant and a Title II grant.

It will be noted that the low bidder on the General Contract Division withdrew his bid because of the delay in the execution of the contracts; however, the second low bidder has agreed to hold his bid. The low bidder on the Insulation Contract Division did not submit a bond so award was made to the second low bidder. Bids on the Plumbing, Electrical, and Automatic Controls Divisions were over the estimate of cost, but it was believed that no better bids could be obtained by readvertising. The total of all bids was lower than the total estimates of costs.

C. Van de Graaff Laboratory Addition

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(10 bids received 3-28-68)		
Payt Construction Co. (Columbus)		
Base Bid	\$ 41,944.00	\$ 56,000.00
Alt. G-1 Remodeling, Room 4	325.00	150.00
Alt. G-2 Ceiling, Room 61	395.00	725.00
Total Contract	<u>\$ 42,664.00</u>	<u>\$ 56,875.00</u>
 <u>Heating, Ventilating, and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 3-28-68)		
Julian Speer Co. (Columbus)		
Base Bid	\$ 17,640.00	\$ 20,000.00
Alt. HV-1 Remodeling, Room 4	240.00	110.00
Alt. HV-2 Remodeling, Room 61	140.00	50.00
Total Contract	<u>\$ 18,020.00</u>	<u>\$ 20,160.00</u>
 <u>Plumbing Contract</u>		
(2 bids received 4-5-68)		
Keen-Air Conditioning Corp. (Columbus)		
Base Bid	<u>\$ 10,000.00</u>	<u>\$ 14,416.00</u>

April 11, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Van de Graaff Laboratory Addition (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(1 bid received 4-5-68)		
Reco Electric Co. (Columbus)		
Base Bid	\$ 21,219.00	\$ 28,000.00
Alt. E-1 Electric, Room 4	610.00	150.00
Alt. E-2 Electric, Room 61	1,828.00	1,100.00
Total Contract	<u>\$ 23,657.00</u>	<u>\$ 29,250.00</u>
 <u>Total All Contracts</u>	 <u>\$ 94,341.00</u>	 <u>\$ 120,701.00</u>

Funds for this project are provided from Budget Account 801148 (Van de Graaff Laboratory Addition Construction Account).

Upon motion of Mr. Safford, seconded by Dr. Thomas, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VII. CONTROLLING BOARD APPROVALS

Each numbered request shown below accomplishes the following purpose:

A. The Ohio Board of Regents

- 19 Approves the transfer and release of \$883,750.00 from Item 235-008 Technical Institutes, Community Colleges, and University Branches to Item 315-057 University (General) College Utilities, H. B. 886, to provide funds for the project, University (General) College Utilities.

B. The Ohio State University

- 35 Approves the transfer of \$600,000.00 from Item 315-019 Mansfield Branch to Item 315-060 Mansfield Technical Building, H. B. 886, and the release of \$49,000.00 of this account for planning purposes.
- 36 Approves the award of two extra orders for the Medical Science Building, one to the General Contractor in the amount of \$77,100.00 and the second to the Heating, Ventilating Contractor in the amount of \$20,908.26.
- 37 Approves the transfer of \$155,000.00 from Item 315-016 Medical Complex to Item 315-059 Medical Center Library and releases this amount for planning purposes.

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April 11, 1968 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Roadway Easement, Kenny Road, Franklin County
(Board of Trustees Land)

Franklin County, State of Ohio, has requested permission to widen Kenny Road in accordance with University College area, County Engineer's project, Kenny Road - Section "A." This proposed road improvement requires an easement over lands owned by the Board of Trustees of The Ohio State University. This improvement is designed to improve the traffic flow to and from the University College to be constructed west of Kenny Road.

The total additional acreage to be acquired by Franklin County to effect this widening is 0.627 acres. Franklin County has had the property appraised and based on the appraisals has offered \$19,740.00 as compensation for the lands owned by the Board of Trustees needed for the right-of-way.

President Fawcett recommended that the granting of a highway easement in accordance with the above stated project to Franklin County be approved. It was further recommended that the President and/or Vice President for Business and Finance be authorized to act on behalf of the Board of Trustees of The Ohio State University in developing the necessary legal instruments to provide for the improvement to Kenny Road, and to accept the sum of \$19,740.00 as just compensation for the land needed for the right-of-way.

Upon motion of Dr. Thomas, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

B. Roadway Easement, Kenny Road, Franklin County
(State of Ohio Lands)

Franklin County, State of Ohio, has requested permission to widen Kenny Road in accordance with University College area County Engineer's project, Kenny Road - Section "A" and construction of a storm sewer to control run off. This proposed road improvement is designed to improve the traffic flow to and from the University College complex to be constructed west of Kenny Road.

President Fawcett recommended that the granting of a highway and storm sewer easement to Franklin County in accordance with the above stated project be approved. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the improvement to Kenny Road.

Upon motion of Dr. Thomas, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

April 11, 1968 meeting, Board of Trustees

VIII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

C. West Campus - Easement, Columbus and Southern Ohio Electric Company

An easement for the construction of a 13,200 volt overhead electrical service has been engineered to provide electrical service for the new Horticulture and Forestry Building. This electrical service will be extended in underground conduits to other buildings in the West Campus area to provide better electrical service for the existing buildings in the West Campus area.

President Fawcett recommended that the granting of an electrical pole easement to the Columbus and Southern Ohio Electric Company be approved. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the easement to provide for the new and improved electric service.

Upon motion of Mr. Shocknessy, seconded by Mr. Ketterer, the above recommendations were approved by unanimous roll call vote.

D. Medical Center - Easements and Agreement to Provide for Construction of a 20" Water Line

Two easements and an agreement for the construction of a 20" water line will be required for the development and completion of the Medical Center Complex. President Fawcett recommended that easements be negotiated with Battelle Memorial Institute and the City of Columbus, and a consent of leasee to the granting of easements be negotiated with the City of Columbus to the State of Ohio to construct a 20" water line from Fifth Avenue to King Avenue for the benefit of the Medical Center Complex and to reinforce the present campus water distribution system.

It was further recommended that the President and/or Vice President for Business and Finance be authorized to act on behalf of the State of Ohio (The Ohio State University) to develop the necessary legal documents to provide for these agreements.

Upon motion of Mr. Ketterer, seconded by Mr. Shocknessy, the above recommendations were approved by unanimous roll call vote.

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IX. REPORTS

A. Report on the University's Investment Portfolio

The report dated April 10, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

April 11, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

B. Highlights of University Activities

President Fawcett reported to the Board on some of the significant activities that have taken place in recent weeks and honors that have been received by faculty and staff members of the University. Some references included in the report, which is filed with the official records of the Secretary, were as follows:

1. The University is one of six institutions in the nation selected by the National Academy of Engineering to find improved ways of putting modern technology to work in the enhancement of biomedical research and health care. The study will be conducted jointly by the Departments of Electrical Engineering and Medicine in cooperation with Battelle Memorial Institute under a contract from the academy.
2. Contract research administered by the Research Foundation totaled \$15,717,594.00 for the 1967 fiscal year. A total of 3,457 persons worked on research projects and 81 of the University's schools, departments, bureaus, and institutes conducted sponsored research.
3. The first land-vertebrate fossil found in Antarctica--a 2 1/2-inch piece of jaw bone--may provide a clue to the origin of Southern Hemisphere continents. The bone was discovered last December by a geology team from Ohio State's Institute of Polar Studies under a grant from the National Science Foundation. The fossil bone is from an amphibian that lived about 200 million years ago.
4. A national study of the changing role of home economics education--urging a shift from a rural emphasis to one more concerned with urban problems--includes recommendations already put into effect at Ohio State. The study was commissioned by the Home Economics Division of the National Association of State Universities and Land-Grant Colleges and was funded by the Carnegie Corporation.
5. A 15-pound sonic riveting machine which does the same work as the traditional, all-at-once, 10-ton blow has been developed by Ohio State welding engineers. The 20-inch-long, 15-horsepower device was developed in Ohio State's Sonic Research Laboratory under the direction of Dr. Robert C. McMaster, Regents' Professor, Departments of Welding Engineering and Electrical Engineering.
6. Physicians at 15 community hospitals in Ohio and West Virginia will be able to hold two-way discussions as well as see panelists on television via the Ohio Medical Education Network this month. WOSU-TV, the television outlet at Ohio State, is the key station for the network, originating all programs and providing quality control in engineering and production.
7. The Ohio State chapter of Phi Beta Kappa has announced election of 102 new members. For the third consecutive year, the number elected was the largest in the history of Ohio State's chapter of the national scholastic honorary society.

April 11, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

B. Highlights of University Activities (continued)

8. Students of satellite geodesy at Moscow University are using a textbook written by Professor Ivan I. Mueller of Ohio State's Department of Geodetic Science. It was published in the United States in 1964 and the Russian edition was issued last year by the Moscow publishing house, Mir, without permission, according to Dr. Mueller.
9. Honors to Faculty and Staff
 - a. Ruth H. Weimer, Associate Dean for Student Relations, will become President in 1969 of the National Association of Women Deans and Counselors.
 - b. Dean Harold A. Bolz of the College of Engineering has received the Citation of the Ohio Society of Professional Engineers, highest award presented by the organization.
 - c. Dr. William M. Boorstein, Assistant Professor of Metallurgical Engineering, and Dr. John B. Neuhardt, Assistant Professor of Industrial Engineering, were among 147 young engineering professors in the nation to receive National Science Foundation Research Initiation Grants. Such grants are awarded annually to encourage research by engineering faculty members who recently have received their doctoral degrees.

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President Fawcett noted that a group of students and others assembled on the Oval at noon on Wednesday, April 10, 1968, in what was publicized as a "rally" to press for what the spokesmen described as "student power." The President added that at the conclusion of the "rally" in the late afternoon, he (the President) received in his office three representatives of the group who presented their concerns which are under consideration by the administration of the University.

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Thereupon the meeting adjourned and the members of the Board of Trustees and administrative officers of the University moved to the site where the first shovel of earth was turned to mark the beginning for the Humanities Center - Foreign Language Building. The next meeting of the Board will be Thursday, May 9, 1968, at The Ohio State University, Columbus, Ohio, at 9:30 a. m.

Attest:

John T. Mount
Secretary

APPENDIX VI

Amendments to Rules for the University Faculty

as Approved by the Faculty Council
on March 12, 1968

Adopted by Board of Trustees April 11, 1968
(See page 562)

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Rules for the University Faculty

On March 12, 1968, the Faculty Council approved the following Section 53.07 of the Rules for the University Faculty pertaining to student government as a substitution for Section 53.07 as printed in the January, 1968 edition of Rules for the University Faculty, subject to the adoption by the Board of Trustees. The detailed amendment to Rule 53.0701 is as underscored. Rules 53.0702 and 53.0703 were deleted since they are no longer applicable.

53.07. Student Government.

53.0701. Faculty Responsibility for Student Government.

Student government is the direct responsibility of the Council on Student Affairs, subject to the approval of the Faculty Council (see Rule 29.27). The Constitution of the Undergraduate Student Body and documents of a similar nature shall be published in the Student Handbook.

53.0705. Graduate Student Representation on University Committees.

Section 1. Each of the following Committees or Councils shall include in its membership one representative from the Council of Graduate Students: the Faculty Council, the Graduate Council, the Advisory Committee on Cultural Programs, the Committee on Academic Misconduct, the Library Council, the Ohio Union Council, and the University Scholarship and Loan Committee. Membership shall include the right to vote except on the Faculty Council and the Graduate Council.

Section 2. The Council of Graduate Students shall be responsible for selecting two nominees for each position and shall submit their names and vitae to the President who shall appoint one of the nominees for a term of one year.

53.09. Student Use of University Buildings.

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization for purposes other than its usual activities, it shall request permission for such use from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

Section 2. No student, group of students, or student organization may announce a meeting involving the use of University facilities or use University facilities for a meeting, unless permission for such use has been obtained from the Executive Dean for Admissions and Registrations in accordance with Rule 61.05.

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APPENDIX VII

Memorandum of Agreement Between The Ohio State University
and The Ohio State University Research Foundation

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Memorandum of Agreement Between The Ohio State University
and The Ohio State University Research Foundation

The Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation as amended, upon the recommendation of the U. S. Department of Health, Education, and Welfare with the concurrence of the Office of the Attorney General of Ohio, is as follows: (The detailed amendments to the Memorandum of Agreement are as underscored.)

MEMORANDUM OF AGREEMENT

The Board of Trustees of The Ohio State University

Dear Sirs:

The Ohio State University Research Foundation has accepted grants and contracts with the sponsors and for the amounts set forth in the list attached hereto, for research to be conducted at the University. The grants and contracts listed will together produce a gross income of \$

In furtherance thereof:

- (1) The scope of each investigation shall be determined by consultation between the President of the University and the Executive Director of the Foundation.
- (2) Members of the faculty, other employees and students of the University and visitors in residence at the University will work upon or participate in a project only with the approval of and on terms satisfactory to the President of the University and the Executive Director of the Foundation.
- (3) The person or persons supervising each project will submit reports as may be required upon the progress of the project through or at the direction of the proper department chairman to the Executive Director of the Foundation.
- (4) The University will cause all discoveries, improvements and inventions resulting from a project to be assigned to the Foundation by the person or persons making such discoveries, improvements or inventions.
- (5) Upon the termination of each project, all notes, records and data resulting from or collected in the course of the project will belong to and be delivered to the Foundation although the University may, if it desires, retain a copy thereof.

The Foundation will:

- (1) Pay monthly to the University an amount equal to the aggregate compensation for work on each project of the members of the faculty and other employees of the University engaged on the project.
- (2) Procure and provide to the University necessary materials, supplies, apparatus and equipment, but the University may, with the specific approval in each instance of the Executive Director of the Foundation, procure them directly, in which event the Foundation will reimburse the University for their cost.

Memorandum of Agreement Between The Ohio State University
and The Ohio State University Research Foundation (continued)

- (3) Arrange for necessary travel and other services for those engaged on a project.
- (4) Return to the University applicable indirect costs recovered from sponsors, less such amounts as are authorized by the University to meet Foundation operating and contingency costs.

The University will incur no other obligations or expense without the written approval of the Executive Director of the Foundation. All apparatus and equipment procured for a project by or at the expense of the Foundation, except that which pursuant to the Foundation's contract with the sponsor is the property of the sponsor, will, at the termination of the project, become the property of the University.

If the foregoing is acceptable to you, will you please so indicate by signing and returning the enclosed copy of this letter, retaining the original for filing with the official records of the Board of Trustees.

Very truly yours,

THE OHIO STATE UNIVERSITY
RESEARCH FOUNDATION

By _____
Executive Director

Attest: _____
Assistant Secretary

Date: _____

THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

By _____
Chairman

Attest: _____
Secretary

Date: _____

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTIETH MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 30, 1968

Pursuant to Article I, Section 2, of the By-Laws of the Board of Trustees of The Ohio State University, the Board met upon the call of the Acting Chairman, John W. Bricker, in a special meeting on Tuesday, April 30, 1968.

Present: John W. Bricker, Acting Chairman, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, and Don M. Hilliker.

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April 30, 1968 special meeting, Board of Trustees

The Acting Chairman, Mr. Bricker, opened the meeting with the following statement:

This special meeting was called to consider any action which might be taken in light of the tragic and illegal occupation of this Administration Building on Friday of last week. I wish to emphasize that this is a meeting of the Board of Trustees, it is not a hearing, and it is not subject to testimony or questions on the part of anyone except the members of the Board of Trustees. It is an open meeting complying with the laws of the State of Ohio. We are here for the purpose of considering two matters: (1) What shall be done with regard to those who violated their responsibilities as citizens and illegally trespassed upon this property to the infringement of the rights of others; and (2) to consider suggested rules and regulations to be presented by President Fawcett.

Let it be noted, Mr. Secretary, that a quorum of the Board is present for this meeting.

The Acting Chairman, Mr. Bricker, then called upon President Novice G. Fawcett to report on the events of last week.

President Fawcett responded as follows:

Mr. Chairman, I believe that the information regarding the incidents of last Friday have been well communicated not only in this community but throughout the state and beyond. There was, as you know, a take over of the area in the Office of Vice President Carson by persons who held as hostage three members of our staff for a considerable period of time and later illegally closed the doors of this building. This kind of lawlessness, in my view, cannot be condoned. I have stated many times that the University is now, as it has been in the past, and hopefully will be in the future, better prepared to preserve the orderly operation of the institution and to facilitate the work of all people who are committed to work within the framework of law and order. I have viewed the incidents of last Friday largely in terms of first protecting the lives and safety of people. I also considered the importance of the preservation of the property and the irreplaceable records in the building. These two concerns were successfully accomplished. I then directed my attention to the serious matter of reviewing the rules which govern our performance in such incidents of lawlessness in consultation with my administrative colleagues and faculty. I now come to this Board to seek its consultation in order that we might be certain of the wishes and desires of this Board.

At my direction, a series of rules for the University have been drafted with the hope that they will better facilitate the governing of our operation for the future. These rules are placed before you at this time. If you desire, I will review them in detail or as you have indicated you may refer them to a committee and not wish to take the time to consider them tonight. There are three rules--51.03 Rule on Group Disruption, 51.05 Rule on Individual Disruption, and 29.2725 University Committee on Discipline.

April 30, 1968 special meeting, Board of Trustees

These rules were before the University Faculty Council in a special session this afternoon and were approved unanimously. I have in the process of the preparation of the proposed rules consulted with a number of people and groups on this campus. It has not been possible to have copies of these proposed rules to you before this evening.

Senator Bricker commented as follows:

Mr. President, as I quickly survey these proposed rules I am certain that the University does now have adequate authority to prosecute any cases involving violation of law and the orderly operation of the University as involved in the incidents of last Friday. Further, if we were to act upon these proposed rules this evening, they would not apply to charges brought against persons engaged in the incidents of last Friday. For this reason, I desire to refer the proposed rules to a committee of this Board, if such a procedure meets with the approval of the Board here assembled. Might I ask for a show of hands regarding this question.

The Board by unanimous vote approved the appointment of a committee to review the proposed rules and the Acting Chairman appointed those members of the Board who are attorneys to serve on the committee; specifically, Mr. Ketterer, Mr. Shocknessy, and Mr. Bricker.

Mr. Bricker continued,

Mr. President, I do want to express on behalf of the Board a very keen appreciation for the support of the faculty of these proposed rules which support was unanimously expressed by the Faculty Council this afternoon. I want you to know also that there is an expression of confidence in the administration of this University that it will adequately and properly handle the violations which occurred in this building last Friday. This Board expresses similar appreciation to you personally Mr. President and to the members of the administration and members of the faculty for your proposing procedures that will adequately deal with violations of law and any efforts to interrupt the orderly operation of the University. You have our assurance that the rules which you have recommended will be reviewed promptly by the committee for the earliest possible action.

The Secretary was instructed to file a copy of the above-referred-to proposed rules with the records of the Board of Trustees.

Mr. Bricker continued,

I now place before the Board the question of the procedure in regard to the action which this Board should take in consideration of handling the cases of violation of law and order in this building last Friday.

April 30, 1968 special meeting, Board of Trustees

Thereupon Mr. John G. Ketterer presented the following statement and resolution:

Mr. Chairman, I should like to address myself to the first point in the purpose of this meeting. I, therefore, offer the following resolution and move its adoption as further evidence of the support of this Board for the President and the administration of the University in respect to what occurred in this building last Friday. The resolution is as follows:

BE IT RESOLVED that the President and the administration be instructed to immediately make an investigation as to the conduct of all and every person who participated in the events of last Friday with the idea that after the investigation has been completed appropriate action can be taken so that any person involved will have an opportunity for a full and fair hearing and trial.

FURTHER that such action may result in such discipline as appears appropriate under the circumstances after such a hearing.

The motion on the above resolution was duly seconded and unanimously adopted by a roll call vote.

The Acting Chairman, Mr. Bricker, then said:

Mr. President by the adoption of this resolution you have the support of this Board now and in the future. There being no further business on the agenda of this special meeting, I now declare the meeting adjourned.

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Attest:

John T. Mount
Secretary

John W. Bricker
Acting Chairman

THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-FIRST MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 9, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, May 9, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John W. Bricker, Vice Chairman, Bertram D. Thomas, John G. Ketterer, Frederick E. Jones, Mervin B. France, James W. Shocknessy, Don M. Hilliker, and William C. Safford.

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Minutes of the last regular meeting (April 11, 1968) and the special meeting (April 30, 1968) were approved.

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May 9, 1968 meeting, Board of Trustees

Mr. John W. Bricker, Vice Chairman of the Board of Trustees, presided in the absence of the Chairman, Mr. Stanley C. Allyn.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 7, 1968, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VIII, page 635.)

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Honorary Degrees

1. Members of this Board have from time to time expressed an interest in conferring an honorary degree upon the Honorable James A. Rhodes, Governor of the State of Ohio. Pursuant to Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, President Fawcett recommended that the honorary degree--Doctor of Laws--be conferred upon the Honorable James A. Rhodes at the June 7, 1968 Commencement.
2. Pursuant to Rule 29.15 and the action of the Faculty Council on April 9, 1968, President Fawcett recommended that the honorary degrees as specified hereafter be conferred upon the following individuals:

Walter Cronkite, nationally recognized News Correspondent
and Commentator - Doctor of Humane Letters

Weikko Heiskanen, Professor Emeritus in the Department
of Geodetic Science - Doctor of Science

Lister Hill, United States Senator - Doctor of Laws

Karl Schwartzwalder, Director of Research with the
AC Spark Plug Division of General Motors Corporation - Doctor of Science

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

May 9, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Distinguished Service Awards

Serving as a Committee on Distinguished Service Awards, the President's Cabinet has nominated for consideration by the Board of Trustees the following-named persons to receive the Distinguished Service Award at the August 30, 1968 Commencement. These awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952.

Jacob E. Davis
Christine Y. Conaway
Mylin H. Ross

Upon motion of Mr. France, seconded by Mr. Ketterer, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Revision of Rules 29.15 and 53.03 of Rules for the University Faculty

The Faculty Council on April 9, 1968 approved the following changes in the Rules for the University Faculty:

President Fawcett recommended that:

1. The last sentence of Section 1, of Rule 53.03, be amended to read as follows:

For participation in a major activity (or for candidacy for participation in a major activity) these rules shall include a requirement that students involved not be on disciplinary probation.

(This amendment deletes the phrases "a 2.25 cumulative average" and "academic warning under Rule 47.05.")

2. The last sentence of Item "d" of Rule 29.15 be amended for the purpose of clarity and to avoid a question of possible conflict with the new Section 3 of Rule 11.05 which was approved by the Board of Trustees on April 11, 1968, which amendment shall read as follows:

However, no nominee shall be recommended for an honorary degree by the Faculty Council unless he has received the affirmative vote of at least two-thirds of the voting membership of the Council necessary to constitute a quorum.

Upon motion of Mr. Jones, seconded by Dr. Thomas, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to make said revisions in the Rules for the University Faculty.

May 9, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

E. Naming of Building

Upon the proposal of Dean Harold A. Bolz, College of Engineering, and the chairman and faculty of the Department of Photography, President Fawcett recommended that the facility presently identified as the "Engineering Experiment Station," 156 West 19th Avenue, be renamed "Haskett Hall" in memory of the late Professor Frank Haskett, first professor and first chairman of Photography. The Department of Photography is now housed in this building.

This proposal has the concurrence of the President's Cabinet and is in accordance with the By-Laws of the Board of Trustees.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the April 11, 1968 meeting of the Board, as recorded in the official "Salary Roll" of the University including the salary adjustments for nonacademic personnel effective June 3, 1968, be approved by the Board. These changes included the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointments

Walter Byron Emery, Professor, Department of Speech, effective October 1, 1968, at a salary of \$19,968.00 per annum.

Ellis W. Hawley, Professor, Department of History, effective October 1, 1968, at a salary of \$16,368.00 per annum.

Arthur L. Housman, Professor, College of the Arts, effective October 1, 1968, at a salary of \$17,328.00 per annum.

Ulrich Krengel, Professor, Department of Mathematics, effective October 1, 1968, at a salary of \$18,168.00 per annum.

Kurt Mahler, Professor, Department of Mathematics, effective October 1, 1968, at a salary of \$21,168.00 per annum.

B. Leaves of Absence Without Salary

Ivan C. Rutledge, Dean and Professor, College of Law, effective July 1, 1968 through November 15, 1968, to accept a Fulbright-Hayes Lectureship to teach at the University of Queensland, Brisbane, Australia.

May 9, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

William G. Dewald, Professor, Department of Economics, effective October 1, 1968 through September 30, 1969, to accept a Ford Foundation Faculty Research Fellowship.

Lawrence Herman, Professor, College of Law, effective October 1, 1968 through December 31, 1968, to teach at the University of Michigan.

Maurice Kelman, Professor, College of Law, effective October 1, 1968 through September 30, 1969, for personal reasons.

L. Orin Slagle, Jr., Professor, College of Law, effective October 1, 1968 through September 30, 1969, for personal reasons.

D. Terence Langendoen, Associate Professor, Department of Linguistics, effective October 1, 1968 through September 30, 1969, to teach at Rockefeller University, New York City.

Johann B. Leicht, Associate Professor, Department of Mathematics, effective October 1, 1968 through September 30, 1969, to continue to engage in research and instruction at the University of Heidelberg, Heidelberg, Germany.

Ronald B. Sklar, Associate Professor, College of Law, effective October 1, 1968 through September 30, 1969, to study in Switzerland.

Kenneth M. Brown, Assistant Professor, Department of Economics, effective October 1, 1968 through September 30, 1969, to be a Visiting Scholar at Brookings Institution, Washington, D. C.

Richard M. Rau, Assistant Professor, Department of Mathematics, effective October 1, 1968 through September 30, 1969, to do research in Operations Research for the United States Marine Corps.

Daniel J. Troy, Assistant Professor, Department of Mathematics, effective October 1, 1968 through September 30, 1969, to continue teaching at Purdue University.

Thomas N. Woodson, Assistant Professor, Department of English, effective October 1, 1968 through September 30, 1969, to accept a Fulbright grant in France.

May 9, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Leaves of Absence Without Salary (continued)

Robert Hillman Larson, Instructor, Department of Aviation, effective April 1, 1968 through June 30, 1968, for personal reasons.

C. Emeritus Titles

Edison L. Bowers, Department of Economics, with the title Professor Emeritus, effective July 1, 1968.

Francis W. Davis, Department of Photography, with the title Professor Emeritus, effective July 1, 1968.

Harry Wight Rogers, Department of Romance Languages, with the title Professor Emeritus, effective July 1, 1968.

Carroll L. Shartle, College of Administrative Science, Division of Research, with the title Professor Emeritus, effective July 1, 1968.

John B. Titchener, Department of Classics, with the title Professor Emeritus, effective July 1, 1968.

Harry H. Weiser, Department of Microbiology, with the title Professor Emeritus, effective July 1, 1968.

John Harold Wilson, Department of English, with the title Professor Emeritus, effective July 1, 1968.

Willard Hayes Yeager, Department of Speech, with the title Professor Emeritus, effective July 1, 1968.

Olwen E. Jones, School of Music, with the title Associate Professor Emeritus, effective July 1, 1968.

Clara G. Weishaupt, Department of Botany, with the title Associate Professor Emeritus, effective September 1, 1968.

Agnes B. Flanagan, Library, with the title Instructor Emeritus, effective July 1, 1968.

Russell W. Jones, Department of Aviation, with the title Instructor Emeritus, effective July 1, 1968.

Upon motion of Dr. Thomas, seconded by Mr. Ketterer, the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and the personnel budget actions as recorded in the official "Salary Roll" of the University including the salary adjustments for nonacademic personnel effective June 3, 1968 were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll" an official document of the University.

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May 9, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Contracts - Federal

- a1. U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky, Research and Scientific Studies for the Combat Development Program (to be known as U. S. Army Armor Center Project No. 573 - Mod. #33 - Engineering Experiment Station).
Gross Value - \$45,000.00.
- a2. Department of Health, Education, and Welfare, National Cancer Institute, Bethesda, Maryland, Deoxyribonucleoside and Related Carcinolytes (to be known as National Cancer Institute Project No. 759-K - Ext. #11 - Department of Chemistry).
Gross Value - \$62,521.00.
- a3. U. S. Atomic Energy Commission, Argonne, Illinois, High Resolution Infrared Spectra of Tritium-and-Deuterium-Substituted Molecules (to be known as U. S. Atomic Energy Commission Project No. 1098 - Sup. #8 - Department of Physics).
Gross Value - \$28,708.00.
- a4. Department of Health, Education, and Welfare, National Institutes of Health, Bethesda, Maryland, Myocardial Metabolism of Hypothermia (to be known as National Institutes of Health Project No. 1100-F - Sup. #2 - Department of Surgery).
Gross Value - \$12,958.00.
- a5. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Heart Institute, Bethesda, Maryland, Distribution and Metabolism of Labeled Digitaloids (to be known as National Institutes of Health Project No. 1451-F - Ext. #6 - Department of Pharmacology).
Gross Value - \$25,804.00.
- a6. Department of Navy, Office of Naval Research, Washington, D. C., The Development of a Methodology for the Analysis of Complex Man-Machine Systems (to be known as Office of Naval Research Project No. 1643 - Amend. #10 - Department of Business Organization).
Gross Value - \$2,733.00.

May 9, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a7. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates (to be known as National Institutes of Health Project No. 1820-D - Ext. #4 - Department of Chemistry).
Gross Value - \$53,104.00.
- a8. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland, Purification and Characterization of Gastrin (to be known as National Institutes of Health Project No. 1861-B - Rev. Award - Department of Surgery).
Gross Value - \$4,605.00.
- a9. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Heart Institute, Bethesda, Maryland, Ion Transport in Heart Mitochondria (to be known as National Institutes of Health Project No. 2012-C - Ext. #3 - Department of Physiological Chemistry).
Gross Value - \$30,372.00.
- a10. Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Research Into the Earth's Gravity Field and the Determination of Geodetic Parameters Dependent on Gravity (to be known as Electronic Systems Division Project No. 2122 - Mod. #4 - Department of Geodetic Science).
Gross Value - \$103,000.00.
- a11. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Lysosomes in Viral-Induced Cytopathologies (to be known as National Institutes of Health Project No. 2164-B - Ext. #2 - College of Biological Sciences).
Gross Value - \$22,917.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Environmental Health Services, Bethesda, Maryland, Coordination of Phosphine Sulfides and Selenides (to be known as National Institutes of Health Project No. 2171-B - Ext. #2 - Department of Chemistry).
Gross Value - \$22,741.00.

May 9, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institutes of Allergy and Infectious Diseases, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as National Institutes of Health Project No. 2206 - Ext. #2 - Department of Veterinary Pathology).
Gross Value - \$1,000.00.
- a14. National Science Foundation, Washington, D. C., Preparation and Translation of a Volume of "Readings in Soviet Economic Geography" (to be known as National Science Foundation Project No. 2348 - Amend. #1 - Department of Geography).
Gross Value - \$6,500.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Heart Institute, Bethesda, Maryland, Cardiovascular Research Center Planning Grant (to be known as National Institutes of Health Project No. 2386-A - Ext. #1 - Department of Medicine).
Gross Value - \$90,397.00.
- a16. U. S. Atomic Energy Commission, Argonne, Illinois, Theoretical and Experimental Aspects of Selection as Applied to Biological Groups (to be known as U. S. Atomic Energy Commission Project No. 2592 - New - College of Biological Sciences).
Gross Value - \$28,500.00.
- a17. Department of Navy, Naval Air Systems Command, Washington, D. C., Electromagnetic Boresight Control Problems of Radar Transmission Through a Radome (to be known as Naval Air Systems Command Project No. 2604 - New - Department of Electrical Engineering).
Gross Value - \$20,000.00.
- a18. National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio, Experimental Determination of the Detonation Pressures of Hydrogen-Oxygen-Helium-Water Mixtures at Various Initial Conditions (to be known as National Aeronautics and Space Administration Project No. 2605 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$2,492.00.

May 9, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

a19. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Gastrin Levels in Normal and Abnormal Acid Secretion (to be known as National Institutes of Health Project No. 2606 - New - Department of Surgery).
Gross Value - \$15,509.00.

a20. National Science Foundation, Washington, D. C., Stereochemistry of Unusual Coordination Numbers in Transition Metal Complexes (to be known as National Science Foundation Project No. 2607 - New - Department of Chemistry).
Gross Value - \$39,400.00.

a21. National Science Foundation, Washington, D. C., Research Initiation-Kinetics of Aluminum Oxide Precipitation from Liquid Iron (to be known as National Science Foundation Project No. 2608 - New - Department of Metallurgical Engineering).
Gross Value - \$15,000.00.

a22. National Science Foundation, Washington, D. C., Research Initiation - Mathematical Optimization in Experimental Factor Layout Problems (to be known as National Science Foundation Project No. 2610 - New - Department of Industrial Engineering).
Gross Value - \$15,000.00.

a23. Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C., Disaster Studies (to be known as Office of Civil Defense Project No. 2612 - New - Department of Sociology).
Gross Value - \$80,000.00.

a24. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormone Modulation of Emetic Responsiveness in Aves (to be known as National Institutes of Health Project No. 2613 - New - College of Pharmacy).
Gross Value - \$19,361.00.

TOTAL - Government Contracts - Federal \$747,622.00

2. Industrial and Other Contracts

a1. Ohio Tuberculosis and Health Association, Columbus, Ohio, Intracellular Parasitism of the Tubercle Bacillus (to be known as Ohio Tuberculosis and Health Association Project No. 764 - Ext. #11 - College of Biological Sciences).
Gross Value - \$7,651.00.

May 9, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and The Ohio State University Research Foundation

2. Industrial and Other Contracts (continued)

- a2. Ohio Contractors Association, Columbus, Ohio, Preparation of a Uniform Classification of Accounts for the Ohio Highway-Heavy Construction Industry (to be known as Ohio Contractors Association Project No. 2609 - New - College of Administrative Science - Bureau of Business Research).
Gross Value - \$5,326.00.
- a3. General Foods Corporation, Kankakee, Illinois, Critical Equilibrium Activity of *Tyrophagus Putrescentiae* on Gainesburgers (to be known as General Foods Corporation Project No. 2611 - New - College of Biological Sciences).
Gross Value - \$2,250.00.
- a4. National Endowment for the Humanities, Washington, D. C., The Corpus of the Miniatures in the Manuscripts of Justinian's Civil Law Compilations (to be known as National Endowment for the Humanities Project No. 2614 - New - School of Art).
Gross Value - \$12,000.00.
- a5. Stokely-Van Camp, Inc., Indianapolis, Indiana, Fluid Balance in College Athletes (to be known as Stokely-Van Camp, Inc., Project No. 2616 - New - Department of Physical Education).
Gross Value - \$9,383.00.

TOTAL - Industrial and Other Contracts \$36,610.00

The foregoing twenty-nine contracts for research in cooperation with Government, Industry, and Other represent a gross income of \$784,232.00.

Upon motion of Mr. Safford, seconded by Mr. France, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous roll call vote.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since April 11, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance

1. \$244,147.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Counseling and Guidance - Disadvantaged Youth Program," as authorized under Title V-B, under the direction of the College of Education, for the period December 7, 1967 through June 28, 1969. (Grant No. OEG-0-8-080308-2034 012)
2. \$141,943.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "Training Grant - Comparative Pathology," under the direction of the Department of Veterinary Pathology, for the period July 1, 1968 through June 30, 1969. (Grant No. 2 T01 GM1052-06)
3. \$132,800.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for training of teachers in the following areas--\$58,600.00 for Mental Retardation under the direction of the College of Education, \$49,800.00 for Visually Handicapped under the direction of the College of Education, and \$24,400.00 for Speech and Hearing under the direction of the Department of Speech, for the period June 1, 1968 through August 31, 1969. (Grant No. OEG-0-8-003161-3161 031)
4. \$86,293.00 granted by Department of Health, Education, and Welfare, Social and Rehabilitation Service, Children's Bureau, Washington, D. C. 20201, to the University for "Child Welfare Training Grant," under the direction of the School of Social Work, for the period beginning July, 1968 and ending June, 1969. (Project No. 68-45)
5. \$79,545.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for the program entitled "French - Modern Foreign Languages," under the direction of the College of Education, for the period December 7, 1967 through September 30, 1968. (Grant No. OEG-0-8-080333-2072 045)
6. \$76,793.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Accident Prevention (Transportation Safety)," under the direction of the Department of Industrial Engineering, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 UI 01002-03)
7. \$49,225.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "National Program Development Institutes in Technical Education," under the direction of The Center for Vocational and Technical Education, for the period April 1, 1968 through April 30, 1969. (Grant No. OEG-0-8-08034-3587 085)

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

8. \$37,940.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Education in Librarianship," as authorized under Title II, Part B, of the Higher Education Act of 1965, under the direction of the Division of Computer and Information Science, for the period March 20, 1968 through September 30, 1969. (Grant No. OEG-0-8-045003-0430 320)
9. \$29,993.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "Training Grant - Undergraduate Psychiatry," under the direction of the Department of Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 MH05924-18)
10. \$22,950.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland 20014, to the University for "Training Grant - Social Work - Community Organization," under the direction of the School of Social Work, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH10789-02)
11. \$20,650.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "National Development Institute in Planning, Programming, and Budgeting Systems," under the direction of The Center for Vocational and Technical Education, for the period April 1, 1968 through April 30, 1969. (Grant No. OEG-0-8-080367-3586 085)
12. \$16,765.00 granted by Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bethesda, Maryland 20014, to the University as an additional grant for the "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period March 1, 1968 through June 30, 1968. (Grant No. 3 G02 RM-00022-01S2)
13. \$12,171.00 made available pursuant to Title I, Higher Education Act of 1965, through the Ohio Board of Regents for the following projects:
 - \$ 840.00 for "Business Enterprise Management"
(Program No. 68-944-024)
 - 1,140.00 for "Program Planning and Budgeting Systems"
(Program No. 68-944-025)
 - 2,760.00 for "Conference on the Economies of the States"
(Program No. 68-944-026)
 - 7,431.00 for "Training Program for Municipal and County
Building Department Personnel"
(Program No. 68-944-027)

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

14. \$11,340.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Cancer Control Senior Clinical Traineeship," under the direction of the Department of Obstetrics and Gynecology, for the period July 1, 1968 through June 30, 1969. (Grant No. 57004-01-68-C)
15. \$11,120.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of an "In-Service Institute in Physics for Secondary School Teachers," under the direction of the Department of Physics, and terminates on June 30, 1969. (GW-3382)
16. \$8,480.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for support of an "In-Service Institute in Earth Science for Secondary School Teachers," under the direction of the Department of Geology, and terminates on June 30, 1969. (GW-3110)
17. \$4,507.00 granted by the State Library of Ohio, Columbus, Ohio, to the University to study the feasibility of establishing a cooperative system of art libraries, under the direction of The Ohio State University Libraries. This grant terminates August 31, 1968.

TOTAL - Administered Through the Office of Business and Finance
\$986,662.00

B. Received Through The Ohio State University Development Fund

1. \$32,500.00 from the Estate of Miss Helen C. Kennedy for the T. J. Kennedy Family Fund.
2. \$12,190.65 from Miss Pauline C. Wittwer, Columbus, Ohio--\$10,190.65 as an unrestricted gift to the University, \$1,000.00 for Odontos Fund, and \$1,000.00 for Dentistry Centennial Fund.
3. \$10,600.00 from alumni and friends of Dr. Albert L. Henne for the establishment of the Albert L. Henne Memorial Fund.

Albert L. Henne Memorial Fund

The Albert L. Henne Memorial Fund was established May 9, 1968, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from alumni and friends in memory of Dr. Albert L. Henne, former faculty member in the Department of Chemistry.

All gifts are to be invested in the University's Investment Portfolio under the rules and regulations therefor adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates. Principal and annual income are to be used to

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

3. Albert L. Henne Memorial Fund (continued)

support the Department of Chemistry as determined by the Chairman of the Department of Chemistry, in consultation with Dr. Henne's widow, Dr. Mary T. Henne, for as long as she lives.

Should the need for these monies cease to exist or so diminish as to provide unused income, or should the Department of Chemistry cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for chemistry education.

4. \$10,500.00 from Louis C. Fischer, King of Prussia, Pennsylvania, as an unrestricted gift to the University.
5. \$9,686.00 from The Charles F. High Foundation for The Charles F. High Foundation Scholarship Fund.
6. \$7,500.00 from Lederle Laboratories, Division of American Cyanamid Company, Pearl River, New York, for the Lederle Medical Faculty Award Fund.
7. \$7,000.00 from Smith, Kline & French Laboratories, Philadelphia, Pennsylvania, for the Smith, Kline & French Laboratories Foundation Fund in the College of Pharmacy.
8. \$5,000.00 from General Telephone and Electronics Foundation, New York, New York, for the Donald C. Power Fund in the College of Commerce and Administration.
9. \$5,000.00 from Public Welfare Foundation, Inc., Washington, D. C., (In the name of Mrs. Clara Weisenborn) for the Ophthalmology Center Fund.
10. \$4,842.00 from The Grace High Washburn Trust for The Grace High Washburn Trust Scholarship Fund.
11. \$4,000.00 from E. R. Squibb & Sons for the Division of Hematology and Oncology Research Fund.
12. \$3,750.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for the Alcoa Foundation Scholarship Fund.
13. \$3,291.52 from The National Fund for Graduate Nursing Education for the Graduate Nursing Education Fund.

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

14. \$3,000.00 from American Cyanamid Company, Wayne, New Jersey, for the American Cyanamid Fellowship Fund for Chemistry.
15. \$3,000.00 from Parke, Davis and Company for the Parke, Davis and Company Research Fund in Chemistry.
16. \$3,000.00 from Phillips Petroleum Company for the Department of Agronomy.
17. \$2,860.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Scholarship Fund.
18. \$2,000.00 from the C. R. Porthouse Charitable Trust Fund for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
19. \$2,000.00 from The Refractories Institute for the Refractories Institute Research Fund in Ceramic Engineering.
20. \$1,656.30 from Edgar Dale for the Field Enterprises Educational Corporation Fund.
21. \$1,075.05 from Harvey S. Firestone, Jr., for the Center for Tomorrow Fund.
22. \$1,000.00 from International Brotherhood of Electrical Workers, Washington, D. C., for the I. B. E. W. Demonstration Film Project.
23. \$1,000.00 from Harry G. Schmidt for the Ottawa Club Fund.

TOTAL - Received Through The Ohio State University Development Fund
\$136,451.52

C. Gifts-in-Kind

1. A gift of a Lindberg Type TRV20-212K Silicon Crystal Puller from the Lindberg Hevi-Duty, Division of Sola Basic Industries, Chicago, Illinois, for use in the Department of Metallurgical Engineering.
2. A gift of two Stress Relief Units from the Stress Relief Engineering, Inc., Costa Mesa, California, for use in the Department of Welding Engineering.
3. A gift of one-third interest in an Angus Bull, Maori Heckettier, from Mrs. E. N. Heckett to the College of Agriculture and Home Economics.

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Funds Received for Royalties Account

\$1,220.00 received in payment for use of patent rights owned by The Ohio State University to be deposited in the fund identified as Royalties Account No. 179027 established by the Board of Trustees at the September 14, 1967 meeting.

E. Change in Name and Description of the Michael Peppe Scholarship Fund

At the request of the principal donors and Michael Peppe, and with the approval of the Development Fund Board of Directors, President Fawcett recommended that the name and description of the Michael Peppe Scholarship Fund be changed to read as follows:

The Michael Peppe - Carl Wirthwein Scholarship Fund was established November 1, 1963, by gifts through the Development Fund in honor of Michael Peppe, Professor Emeritus of Physical Education and Head Swimming Coach from 1930 until his retirement in 1963; and in honor of Carl Wirthwein, who served as Assistant Swimming Coach from 1936 to 1967.

All gifts are to be invested in the University's Investment Portfolio, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates. The income is to be used for scholarships for students who become members of the University swimming or diving teams, upon the recommendations of the head swimming coach.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the swimming or diving teams cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to scholarships for needy students.

(The amount deposited in this fund now totals \$12,135.00.)

F. Change in Name of Emil H. Arnold Fund for Optometry

Dr. Emil H. Arnold, for whom an endowment fund in Optometry was named, died on April 7, 1968; and President Fawcett recommended, therefore, that the Emil H. Arnold Fund for Optometry be changed to the Emil H. Arnold Memorial Fund for Optometry.

Upon motion of Mr. Hilliker, seconded by Mr. France, the acceptance of the foregoing grants, gifts, and royalties, the establishment of the above-named fund, the change in name and description of the above-identified fund, and the change in name for the foregoing specified fund were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

May 9, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

G. Report from The Ohio State University Development Fund

In March, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	1,171	\$ 60,524.13
Individuals other than alumni	160	10,136.35
Nonprofit organizations	39	72,768.59
Business concerns	18	44,597.78
	<u>1,388</u>	<u>\$188,026.85</u>

Of these gifts, 693 totaling \$5,680.00 were undesignated and 695 totaling \$182,346.85 were designated.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Derby Hall Computer Facility

This project involves complete renovation of existing space immediately west of the present computer room to essentially triple the total computer room floor area.

Funds for this project will be provided by a transfer from Budget Account 189999 (General Reserve) to Budget Account 801158 (Construction Account for Derby Hall Computer Facility).

Upon motion of Mr. Safford, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. CONTROLLING BOARD AND EMERGENCY BOARD APPROVALS

Each numbered request shown below accomplishes the following purposes:

May 9, 1968 meeting, Board of Trustees

VI. CONTROLLING BOARD AND EMERGENCY BOARD APPROVALS (continued)

A. Controlling Board Approvals

- 41 Approves the award of contracts to the lowest and best bidders for the project "Biological Sciences Building" and the release of \$5,807,685.00 from Item 315-031, H. B. 886, so that funds may be encumbered for this project.
- 42 Approves the purchase of property commonly known as 2386 Kenny Road.

B. Emergency Board Approval

- 13 Approves the allocation of \$13,049.00 from emergency funds to replace the University owned materials, supplies, and equipment that were destroyed and to repair the damage to the building, ElectroScience Laboratory, caused by fire.

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Student Health Facility - Architect's Contract Supplement

The employment of the firm of Freshwater, Harrison and Associates, was approved at the February 10, 1967, meeting of the Board of Trustees, based on the standard fee schedule. The subsequent decision to maintain the Service Road necessitated a complete redesign of the main entrance, including a porch, exterior stairs and ramp. This was work not covered by the original contract.

President Fawcett therefore recommended that the architects be reimbursed for this work at a fee not to exceed \$1,608.31. Funds are available in Budget Account 801066.

Upon motion of Mr. Ketterer, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

B. Acquisition of Property, Rear of 3505 West Granville Road

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, the following resolution was presented with a recommendation that it be adopted:

WHEREAS, The Ohio State University Board of Trustees authorized on December 10, 1964, the investment in real property in the University Airport area; and

May 9, 1968 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Acquisition of Property, Rear of 3505 West Granville Road (continued)

WHEREAS, pursuant to that authority, an agreement has been negotiated to purchase 7.57 ± acres located at the rear of 3505 West Granville Road, Worthington, Ohio, from Nancy M. (Delewese) Fridd et al; and

WHEREAS, said purchase has now been negotiated in accordance with said authorization;

NOW, THEREFORE, BE IT RESOLVED that the Board of Trustees of The Ohio State University authorize the President and/or Vice President for Business and Finance to proceed to execute the necessary documents to complete the purchase of the above property as a part of the Investment Portfolio.

Upon motion of Mr. France, seconded by Mr. Ketterer, the above resolution was adopted unanimously by roll call vote.

C. Naval Science - Air Condition Physical Education Building
(1940 Addition)

With the concurrence of the President's Cabinet, President Fawcett recommended that the Vice President for Business and Finance be authorized to proceed with air conditioning and minor remodeling of the space in the Physical Education Building, 1940 Addition, which space is assigned to the Naval Science Department of instruction.

The cost of the project is not to exceed \$35,000.00 from available funds in the Civilian-Military portion of the Mershon Fund allocated for the 1967-68 budget. Said funds will be transferred to Budget Account 801161 for this project.

Upon motion of Mr. France, seconded by Dr. Thomas, the above recommendation was approved by unanimous roll call vote.

D. Midwestern Volkswagen Hangar at University Airport

With the concurrence of the President's Cabinet, President Fawcett recommended that the Vice President for Business and Finance be authorized to proceed with negotiations for the construction of a hangar at University Airport by Midwestern Volkswagen Corporation, which agreement shall protect the interests of the University and provide the University with an enhancement of the program of teaching, research, and service of the Department of Aviation. The proposed facility will revert to the University at the end of a fifteen-year period.

May 9, 1968 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Midwestern Volkswagen Hangar at University Airport (continued)

Mr. France moved and Mr. Jones seconded the motion that the Vice President for Business and Finance be authorized to proceed with negotiations for an agreement to be signed by the Midwestern Volkswagen Corporation and the University, subject to approval by the Board of Trustees at a future date.

During the ensuing discussion, Mr. Shocknessy indicated that it was his understanding that the proposed facility is to be used by the Midwestern Volkswagen Corporation for 15 years free of rent and that at the end of that period the University will have the enjoyment of the hangar. He further stated that Vice President Carson should make certain that the benefit which the University is to receive at the end of 15 years should be equivalent to the rent that the University would receive for the use of such a facility for that period of time. It must be ascertained also that this contractor (Midwestern Volkswagen Corporation) will not derive unconscionable advantage over others similarly situated.

Upon roll call vote, the above motion was approved unanimously.

E. Dormitory Room and Board Rates

WHEREAS, by Section 8 of the Bond Resolution adopted April 8, 1957, by the Board of Trustees of The Ohio State University, the University and its Board of Trustees covenanted to adopt and maintain, so long as any of the bonds authorized by the Bond Resolution were outstanding such parietal rules, and charge and collect such rental rates and charges, from time to time, as may be necessary to assure such occupancy and use of, and receipts from the dormitory facilities as will pay the cost of maintenance and operation and provide for the payment of principal of and interest on the bonds and other payment to special funds required by Section 9 of the Bond Resolution; and

WHEREAS, the rates set forth below are hereby determined to be in compliance with the aforesaid covenants; and

WHEREAS, on June 1, 1967, the minimum wage was increased from \$1.33 to \$1.40 per hour and increased again on July 1, 1967, to \$1.54; and

WHEREAS, House Bill 93 mandated an increase of one step plus an additional 10 per cent for those who were not in old Step 5, and a 10 per cent increase for all others; and

WHEREAS, effective June 3, 1968, certain workers were granted an increase; and

WHEREAS, on July 1, 1968, all workers will receive another increase of approximately 5 per cent; and

WHEREAS, on November 4, 1968, custodial workers will have a wage increase approximating 15 per cent and craftsmen a wage increase approximating 10 per cent;

May 9, 1968 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

E. Dormitory Room and Board Rates (continued)

NOW, THEREFORE, BE IT RESOLVED that dormitory fees beginning Autumn Quarter, 1968, and continuing through the school year 1969, be established at \$969.00 for all students whose continuous residence in University Residence Halls is six quarters or less. Beginning the 7th quarter and continuing through the 9th quarter of continuous residence the rate shall be \$939.00. Beginning with the 10th quarter of continuous residence, the rate shall be \$912.00. All rates thus established here are for the three academic quarters--Autumn, Winter, and Spring. For the purpose of determining continuous occupancy, Summer Quarters are excluded.

Rates stated do not apply to Stadium Scholarship Dormitory, Neil Hall, Jones Graduate Tower, and Married Student Housing.

Upon motion of Mr. France, seconded by Mr. Safford, the above resolution was adopted by unanimous roll call vote.

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VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of John Clinton Prior, Professor Emeritus in the Department of Civil Engineering; Alpheus Wilson Smith, Dean Emeritus of the Graduate School and Professor Emeritus in the Department of Physics; Inez LeSuer Prudent, Professor in the School of Home Economics; and Howard Landis Bevis, President Emeritus of The Ohio State University. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. John Clinton Prior

The Board of Trustees expresses its sorrow at the death on April 2, 1968, of John Clinton Prior, Professor Emeritus in the Department of Civil Engineering.

Professor John Clinton Prior was born in Buckhorn Furnace, Lawrence County, Ohio, on December 23, 1883, the son of a clergyman. He was educated at Doane Academy and Denison University from which he received a bachelor's degree in 1906, having taken all the courses in civil engineering available in the general scientific course. Subsequently, he took advanced courses in engineering at The Ohio State University; and in 1929, he was granted the professional degree of Civil Engineer following waiver of the requirement that a candidate be a graduate of The Ohio State University.

Following graduation from college, Professor Prior held for nine years various positions of increasing responsibility with the Engineering Department of the City of Columbus. His work was devoted chiefly to flood control and to structures for grade separations. This was followed by two years of flood-control work with the Franklin County Conservancy District, after which he was associated with the consulting firm of Braun, Fleming, Knollman & Prior of Columbus. In 1923, he became associated with the Columbus

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. John Clinton Prior (continued)

Department of Water and directed phases of the expansion and extension of its services, continuing in that capacity until 1932.

In 1924, he received a part-time appointment at The Ohio State University as Professor of Municipal Engineering; and in 1926, his title was changed to Professor of Sanitary Engineering. He held this post until his retirement from the University in 1954. Professor Prior engaged in varied consulting work and public service until 1951.

Among his activities were membership on the Columbus Planning Commission (1936-47) and the Board of Inquiry of the Ohio Department of Highways (1937-38). He was held in high regard by all his associates because of his great dignity, equanimity, and objectivity. His teaching was strongly benefited by his wealth of practical experience.

Professor Prior was a member of the American Water Works Association, the American Geophysical Union, the American Society for Engineering Education, and the American Society of Civil Engineers. He served as President of the latter Society's Central Ohio Section in 1936. He was active on several professional committees and wrote a number of technical articles for engineering journals.

Professor Prior continued active in engineering work for a few years after his retirement from The Ohio State University. Even after he became a resident of First Community Village, his energy impelled him to serve as Mayor of that settlement in 1964.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Alpheus Wilson Smith

The Board of Trustees expresses its sorrow at the death on April 18, 1968, of Alpheus W. Smith, Dean Emeritus of the Graduate School and Professor Emeritus in the Department of Physics.

Dr. Smith was born in Phillippi, West Virginia, on January 15, 1876, and received his Bachelor's degree from West Virginia University in 1900 and his Master's and Doctor of Philosophy degrees from Harvard in 1903 and 1906. He served as Instructor of Science and Latin at the West Liberty Normal School in West Virginia in 1900-1901, Instructor of Physics at Bowdoin College in 1906, Haverford College in 1906-1907, and the University of Wisconsin in 1907-1909.

Dr. Smith joined the faculty of The Ohio State University in 1909 as Assistant Professor in the Department of Physics and held this rank until 1917 when he was made a Professor. He held the academic rank of Professor until his retirement in 1946. Dr. Smith served as Chairman of the

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. Alpheus Wilson Smith (continued)

Department of Physics and Astronomy from 1926 to 1946 and was, in addition, appointed as Dean of the Graduate School for the period from 1938 to 1946. After his retirement, Dr. Smith served as President of The Ohio State University Research Foundation from 1946 to 1957.

Dr. Smith is generally credited with doing more than any other individual to establish the University as a major research center. A citation he received upon his retirement stated: "Dean Smith's statesmanship has brought the Graduate School to a position of national and international recognition. The radiation laboratory, the cryogenic laboratory, the graduate programs in medicine and surgery, and the integrated cooperation with other schools are but a few examples of his accomplishments."

Dr. Smith was a Fellow of the American Physical Society, the Academy of Optometry, the American Association for the Advancement of Science, and the Ohio Academy of Science. He was a member of Sigma Chi, Sigma Xi, and Phi Beta Kappa fraternities. Recognition of his work came to Dr. Smith in the form of honorary degrees from Ohio Wesleyan University, Sc.D. in 1942; The Ohio State University, LL.D. in 1946; and Capital University, Sc.D. in 1949.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Inez LeSuer Prudent

The Board of Trustees of The Ohio State University expresses its sorrow at the untimely death April 12, 1968, of Inez L. Prudent, Professor in the School of Home Economics.

Professor Prudent was born July 30, 1900, in Toledo, Ohio. She attended the public schools of Pana, Illinois, and graduated with honors from the University of Illinois. Her M.S. degree was from the University of Iowa and the Ph.D. degree in food and nutrition was completed at Iowa State University in 1947. Her rich background of professional experience included eight years of teaching science in the public schools of Illinois; serving as therapeutic dietitian in several hospitals; college teaching at Russell Sage College and the University of Illinois; and serving as nutritional specialist at West Virginia State University and Cornell University.

Professor Prudent joined The Ohio State University and the Ohio Agricultural Research and Development Center faculties in 1947 as Associate Professor and Head of Food and Nutrition in the School of Home Economics. She was promoted to the rank of Professor in 1956.

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Inez LeSuer Prudent (continued)

Professor Prudent was an excellent teacher and a recognized scholar in her field. Her major research interest was in the field of food science. Numerous publications attest to her competence and interest in the application of science in achieving good nutrition for people. She was active in many scientific societies including the American Chemical Society, American Association for the Advancement of Science, Institute of Food Technologists, Ohio Public Health Association, American Home Economics Association, and American Dietetic Association. She held membership in six honor societies including Phi Beta Kappa, Sigma Xi, Sigma Delta Epsilon, and Omicron Nu.

The loss of Professor Prudent will be keenly felt by her community, her professional associates, and especially by those many former students with whom she has kept in touch and who have continued to cherish her professional guidance and deep friendship.

On behalf of the University community, the Board of Trustees expresses to the family of Professor Prudent its deep sympathy. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family has sustained.

D. Howard Landis Bevis

The Board of Trustees expresses its special sorrow at the death on April 24, 1968, in University Hospital, of Howard Landis Bevis, President of the University from February 1, 1940 to July 31, 1956, and President Emeritus since then.

Dr. Bevis was born November 19, 1885, in the village of Bevis, Hamilton County. His forebears were among the original settlers of that portion of the Northwest Territory. He first attended the Cincinnati Technical School and then the University of Cincinnati where he was awarded the B. A. degree in 1908 and the LL. B. degree in 1910. A decade later he attended the Harvard Law School as a graduate student where he received the degree of S. J. D., Doctor of Juridical Science, in 1920.

Following his admission to the Ohio Bar in 1910, he began the practice of law in the office of Judge Stanley Struble in Cincinnati. The next year he entered into a partnership with Nathan Isaacs which continued until 1912. Dr. Bevis then practiced law alone for six years until he entered the service in World War I. In that conflict, he served in several capacities in 1918-19 with the Ordnance Department and with what was to become the Army Air Service. In the former he codified its voluminous rules and orders that had accumulated during the war. Later he was made head of the legal section of the finance division of the Air Service for war contracts.

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

In 1921, he was named Professor of Law at the University of Cincinnati. During this period, he became greatly interested in Cincinnati's political problems and served in 1926 as Secretary of the Charter Amendment Committee there.

In 1931, Governor George White named Dr. Bevis State Director of Finance. His immediate but difficult problem was to reduce the general revenue budget for Ohio from \$86,000,000 to \$48,000,000 as "painlessly" as possible. It was during this trying economic period that Dr. Bevis first began to come into close touch with the administrative officers of the University of which in less than a decade, he was to be elected President.

In 1933, the Governor named Dr. Bevis to a vacancy on the Ohio Supreme Court where he served for eighteen months. He next accepted the Ziegler Professorship of Law and Government at Harvard and was on the faculties of its graduate schools of business and public administration; but at the request of the new Governor, Martin L. Davey, he postponed his departure for Cambridge in order to serve again as Finance Director of Ohio. He then filled the Chair at Harvard until called to The Ohio State University. He held memberships in the American, Ohio, and Cincinnati Bar Associations. He was the author or co-author of four books on law. He was also a contributor to various law and other journals. Among many other organizations, he was a member of Phi Beta Kappa and the Order of the Coif.

Inevitably Dr. Bevis played many other roles during his long public career. In 1932-33, he was on the Ohio Relief Commission. In 1942-45, he was Chairman of the Franklin County War Finance Committee and two years later served as Vice Chairman of the Labor Legislation Commission. For a decade, he was President of the Inter-University Council of Ohio. One of his most important assignments came in 1955 when President Dwight D. Eisenhower appointed him Chairman of the President's Commission on Scientists and Engineers. During his four-year service in this capacity, he traveled 75,000 miles in the interest of increasing the number of U. S. scientists and engineers. He was for years Director of the City National Bank & Trust Co., Columbus, and of the Federal Home Loan Bank, Cincinnati, of which he was Chairman.

Over a period of eighteen years, he was the recipient of thirteen honorary degrees: eleven LL. D.'s, an L. H. D., and a D. Hum. One of the first to honor him was his alma mater, the University of Cincinnati, in 1940, with an LL. D. The Ohio State University on August 31, 1956, conferred upon him an LL. D. degree.

Along the way, Dr. Bevis collected other significant honors. For his address, "Quo Vadis?" delivered at the June, 1950 commencement, he received a Freedoms Foundation Award. In 1954, Temple Israel of Columbus gave him its sixth annual Brotherhood citation for the "example of leadership that he has given the community in general and the campus

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

community of The Ohio State University in particular, setting a standard of service unlimited by considerations of race or creed." He was also active in Masonry where he was elected to the 33rd degree. He was active in educational circles, especially the Association of Land-Grant Colleges and Universities, the National Association of State Universities, and the Ohio College Association. He played a significant role, as noted, in the development of the Inter-University Council of Ohio, which, for the first time, brought Ohio's six state-supported universities permanently together. He was its second President and served for some years in that capacity.

Dr. Bevis assumed the Presidency of The Ohio State University at a significant and critical time. He was the University's seventh President, and his tenure of exactly sixteen and a half years was the second longest in the University's history. In that time, it went through these major stages: preparation for war, conversion to war with the entire campus on an accelerated basis, and as early as 1942-43 beginning to plan for reconversion to peace in anticipation of unprecedented enrollment with accompanying record demands upon it for curricula and facilities. From the time of Dr. Bevis' arrival on the campus, major changes affecting the University occurred. One was the implementation of the Faculty Council. This updated the internal structure of the University and made it more responsive to the needs of the times. Another was an early staff and line reorganization in which the number of Vice Presidents went from one to three, with other non-teaching functions realigned or spelled out so as to make the administration of the University more effective.

Steps were taken promptly also to "improve the effectiveness of the entire University program"--teaching, research, administration, and public service. The role of the University Research Foundation was expanded greatly. This was of particular importance when the University began to get defense contracts that ran into the millions of dollars. Some of these played a substantial part in the war effort, including aspects of the atomic bomb.

With the attack on Pearl Harbor, the University was more ready than many other universities to shift to a wartime basis. The academic program was accelerated with important defense activities such as the Navy Recognition School, the Army Specialized Training Program, the Specialized Training, Assignment, and Reclassification program, and special Navy programs. The number of men from the Armed Forces sent to the campus ran into the thousands.

Dr. Bevis' reaction to Pearl Harbor was characteristic. He put the University's machinery into wartime gear. He discussed the emergency situation at separate meetings of the students and faculty and used the facilities of WOSU to reach the parents of students. He realized that many students would soon enter active service; but in the meantime, he urged them to stay in school until called on the ground that the better prepared they were the better off they would be.

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

During the war years, he saw the enrollment shrink from 17,568 in 1940-41 to a low of 6,057 in the Spring Quarter, 1944. It was estimated that up to 18,000 alumni and former students served in the Armed Forces. The University Honor Roll of war dead totaled 699. To the next of kin in each case the University sent a memorial scroll over Dr. Bevis' signature.

With the end of the war, the University entered upon a period of major readjustment and reconversion. Even before this, Dr. Bevis realized that peace would bring new problems of unprecedented dimension. In this conviction, he was quickly borne out by the size of the veterans' "bulge," by major housing problems, by the immediate need for a larger faculty and staff and, above all, for funds to meet the emergency. In some cases, temporary relief was given, but in the main Dr. Bevis strove for long-range solutions to meet the demands of the new day.

Out of this in time grew all sorts of improvements--academic, administrative, and physical. Above all he was insistent upon maintaining and improving the quality of the teaching staff and of tailoring the academic program to the specific needs of the thousands of returning veterans. Within a few years, under his leadership and guidance, came such major improvements as the new multi-million dollar University Hospital, the beginnings of a major dormitory program, many new academic buildings, and ultimately a new Ohio Union, Mershon Auditorium, St. John Arena, and French Field House to meet the almost desperate need for adequate, modern, non-academic facilities.

In time the veterans' "bulge" receded, the enrollment shrank and some felt that the University could get along with less--a smaller staff and smaller appropriations. But Dr. Bevis predicted correctly that the University must work steadily to improve its faculty, to raise the quality of its offerings, to expand its service to the state, to enlarge its research program and, in particular, to enhance its position as a leader in graduate and professional work. Time proved him right in all of these respects, and before he retired from the Presidency, much of what he had striven for had become reality.

Over his years in that office, he frequently expressed his philosophy of higher education and, at the same time, disclosed his personal beliefs. In retrospect, it was remarkable how often he correctly assessed the state of the University at the moment or predicted its course in the near future. At the annual Trustees' meeting in September, 1945, for example, he gave a "Survey of Prospects and Needs" and a year later, similarly, presented detailed "Suggestions for Long Range Plans for Ohio State University." In his annual report covering 1947-48 he called it "A Year of Fruition." At the Autumn Quarter, 1949 faculty meeting, he spoke on "The Mission of the University." At the June, 1951 Board meeting, he reported on "Ohio State in 1951." Again at the 1952 annual meeting of the Trustees, he gave a "State of the University" report and did likewise in December, 1953.

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

One of his most notable utterances was in the peroration of his inaugural address in October, 1940. "For us who cherish the civilization wrought by the champions of free spirits and free minds," he declared, "events now making may strike the hour of destiny. In that civilization I was bred, in it I want to live. In my firm belief its perpetuation depends on faith and knowledge, faith to keep us facing to the mark though mists obscure and mountains rise between; knowledge to implement that faith and multiply our powers. To that end I would dedicate myself. To that goal I would point this university."

It was significant that he repeated these exact sentiments in closing his address to the June, 1956 graduating class when he spoke on "Around the Next Corner." He emphasized that people "become a source of strength and power to our nation, only when they are trained, trained to transmute the resources of the land we now possess into more and more and better and better things. In the material sense, this is the mission of the University. Changing the old adage, we can say with almost literal truth: where there are no universities the people perish. Upon its colleges and universities rests the future of America."

Dr. Bevis noted that in his time, between 1940 and 1956, the value of the physical plant grew from \$23.5 million to \$85 million. In two decades, he added, "Our research has multiplied more than fifty times. Our graduate work is taking high rank in the nation. Our distinctive position as a regional center of graduate work, professional work and research is fast becoming a reality." But he intimated that it was still only beginning.

In February, 1950, he and Mrs. Bevis were the guests of honor at a dinner given by the Trustees who presented him with an illuminated scroll. This document summed up the accomplishments of his first decade as President, "Assuming office in a period of national economic distress," it read, "he has guided the University through challenges of the post-war demands upon higher education. He has enhanced its faculty, he has transformed its physical plant, and he has created an atmosphere in which teaching and scholarship have flourished. In a period of international confusion, he has been sure of direction and purpose; in the midst of hostilities he has maintained a humane sympathy and tolerant understanding; in a time of uncertainty and perplexity in the educational world, he has kept his poise in wise leadership."

A Board resolution about him in June, 1956 expressed "sincere appreciation for the invaluable services which have been rendered to The Ohio State University over the period of the last seventeen years. Under his leadership this great institution of learning has grown and prospered. As was said of Christopher Wren, if we seek a lasting monument to his work we have only to look around us. He has served us well in both war and peace. We hereby extend our heartfelt thanks and every good wish in the years that lie ahead."

May 9, 1968 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Howard Landis Bevis (continued)

Unquestionably Howard Landis Bevis left an enduring mark upon the University. This can, indeed, be seen everywhere, not only in brick and stone but in his impress upon the minds and lives of those who served with him and under him. This makes for a kind of irreducible debt to him.

Dr. Bevis was a modest man, invariably patient, tolerant and understanding. He was also a religious man, a fact borne out by his frequent references to the Scriptures as well as by his life. He was likewise a man who all his days gave of himself unselfishly and unobtrusively for his fellowmen. Nowhere did he practice this more generously or more productively than during his Presidency.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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IX. REPORTS

A. Report on the Physical Condition of University Hall

Vice President Carson upon the request of President Fawcett presented the following report on the physical condition of University Hall:

Dr. Carson stated that on April 19, 1968, a report was received that Room 405C of University Hall had developed a floor bulge. An immediate investigation was made and the engineering firm, Jones-Stuckey Ltd., was employed to make a thorough examination of the structure of the north wing of the building in which the auditorium, classrooms, and offices are located.

A report from Jones-Stuckey Ltd. received on April 29 is summarized as follows: ". . . Failure in these trusses could result in catastrophic collapse of the entire north wing. This condition casts sufficient doubt on the structural integrity of the north wing to consider it unsafe."

Immediate action was taken to abandon all activity in the north wing of the building which includes the auditorium. Vice President Carson concluded with the statement that "Evidence of continuing deterioration in the structural integrity of University Hall presents a serious problem which demands attention."

May 9, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

A. Report on the Physical Condition of University Hall (continued)

Dr. Bertram D. Thomas then stated, "One thing we should never temporize with is safety." He added that "Since I have been on this Board, the question of what to do with University Hall has been discussed frequently. I recognize that there is much sentiment for the building. However, I understand fully that this Board in its fundamental responsibility for safety cannot afford to continue on the basis of sentimentality."

Dr. Thomas presented the motion instructing the University administrative officials to move toward the abandonment of the entire University Hall facility as soon as such abandonment can be conveniently arranged.

The motion was seconded by Mr. Shocknessy and adopted unanimously by roll call vote.

President Fawcett commented that "University Hall is located in a critical position on the campus since it houses several of the basic education departments of instruction in the areas of the humanities and social sciences. We must restore the academic space in this area at the earliest possible moment because of the need for faculty and students of these departments to have close access to the University library." He added that "The estimated cost to replace the space provided by University Hall is \$5 million."

B. Report from the Office of the Ohio Board of Regents

President Fawcett reported for information and the record that the Office of the Ohio Board of Regents:

1. Authorized the allocation of \$165,000.00 to The Ohio State University for the following projects for the summer of 1968:
 - a. Workshop for Master Teachers in Inner-City Schools
 - b. Institute for University Faculty on Education of the Disadvantaged
 - c. Governor's Invitational Conference on Skilled and Technical Manpower
2. At its meeting on April 19, 1968, the request for the increase of the Student Service Fee for The Ohio State University in the amount of \$5.00 per quarter, as approved by the Board of Trustees on March 14, 1968, was tabled for reconsideration at a later time when student enrollments for 1968-69 will be known.

May 9, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

C. Report on the Status of Dr. David E. Green, Assistant Professor in the Department of History

The President stated,

There has been wide public interest both on and off the campus in the David E. Green case involving the alleged burning of a draft card and other matters related thereto. This matter is under careful investigation by the University. The case has never been closed and some new evidence related to this matter has now come to our attention.

The investigation is being carried forth under the rules and regulations of the University.

I will make a full report on this matter, including a recommendation, at the June meeting of the Board.

D. Report on the Friday, April 26, 1968, "Seizure" of the Administration Building

President Fawcett reported that in regard to the "seizure" of the Administration Building on Friday, April 26, 1968, "We are proceeding in accord with the direction of this Board and with the rules of the University." He stated further that "Steps have been taken to implement procedures for hearing the cases of those persons charged with violations of University rules and for the assessment of discipline of students found guilty. There has been some question regarding these hearings being closed to the general public. They are not open to the general public for reasons of protecting the individual students whose cases are being heard and this policy is one that has been firmly established by this University. I am advised by Executive Dean Bonner that this is the policy of major universities of the country. As soon as the hearings are completed, the public will be informed of any action taken."

E. Alumni Distinguished Teaching Awards

The Secretary reported for the record the names of those members of the faculty who were honored at the Spring Quarter Faculty Meeting on April 18, 1968, and presented with the Alumni Distinguished Teaching Awards. They were as follows:

Albert L. Clovis, Assistant Professor, College of Law

Robert K. Denton, Assistant Professor, Department of Anthropology

Rodney F. Plimpton, Jr., Assistant Professor, Department of Animal Science

Clara G. Weishaupt, Associate Professor, Department of Botany

Andrew A. Wojcicki, Associate Professor, Department of Chemistry

May 9, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

F. Report on the University's Investment Portfolio

The report dated May 9, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees; and Vice President Carson was authorized to proceed with the appraisal and sale of a parcel of land, consisting of five acres more or less, located in Cowell County, Kansas, held in the Investment Portfolio.

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X. ELECTION OF OFFICERS

Mr. Shocknessy moved that the following-named persons be placed in nomination as officers for the Board of Trustees, whose terms of office shall be effective May 14, 1968, and shall continue through the May, 1969 meeting of the Board:

Chairman - John W. Bricker

Vice Chairman - Bertram D. Thomas

Secretary - John T. Mount

Treasurer - Gordon B. Carson

Mr. Jones seconded the motion, and the above-named persons were elected to the offices as indicated by unanimous vote of the Board with Mr. Bricker abstaining from voting for the Chairman and Dr. Thomas abstaining from voting for the Vice Chairman.

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Thereupon the Board adjourned to meet Thursday, June 13, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a. m.

Attest:

John T. Mount
Secretary

John W. Bricker
Vice Chairman

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APPENDIX VIII

Degrees Conferred at
THE OHIO STATE UNIVERSITY
COMMENCEMENT CONVOCATION

June 7, 1968

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The Recipients of Honors

JAMES A. RHODES

DOCTOR OF LAWS

Governor of Ohio, dynamic public administrator, friend of education, whose creative leadership is transforming a plan for progress into a reality of history.

James A. Rhodes, sixty-first Governor of Ohio, has made the strengthening of public higher education one of the paramount missions of his administration. His goal of providing educational opportunities for all Ohio's young people to the extent of their abilities has been in the true spirit of the land-grant ideal upon which The Ohio State University was founded. Under the leadership of Governor Rhodes, the State system of higher education has been extended to the doorstep of virtually every college-age youth in Ohio, and the long-established State universities have received new levels of support to help meet the new levels of service required.

Throughout his public life—as Auditor and Mayor of Columbus, as Auditor of State, and now as Governor—James A. Rhodes has kept in touch with the times and with the people he has served. And the people have responded affirmatively to this hard-working public servant who, with sleeves rolled up, has confronted the challenges of a major industrial state and has maintained, as well, an effective partnership with the grass-roots citizenry of Ohio.

Governor Rhodes' formula for the advancement of Ohio is eminently simple, irrefutably sound: educate the people and provide jobs for them. And he has demonstrated, often by sheer personal drive, that the formula works. He has led a vigorous program of economic development which has brought unprecedented industrial growth to Ohio and, most importantly, the job opportunities which such growth produces. At the same time, he has made unmistakably clear, by word and deed, his understanding of the vital role of higher education in Ohio's plans for progress.

A self-made man who rose from humble beginnings to the highest office of this State, James A. Rhodes has been honored many times and in many ways for a lifetime of public service performed with distinction. Now in his second term as Governor, he knows better than perhaps any other person the unfinished tasks facing the State of Ohio. They are formidable tasks. Yet there has been no compromise in the high goals he has set for Ohio and no slowing of the momentum which has been generated by his impressive accomplishments.

LYMAN S. FORD

DOCTOR OF HUMANE LETTERS

Social welfare administrator, who has given distinguished leadership to the planning and funding of voluntary social services in the United States and Canada

Lyman S. Ford, Executive Director of the United Community Funds and Councils of America, is a leader and researcher in his chosen field of community welfare organization. For 36 years he has devoted his managerial efforts toward the development and improvement of the voluntary health and welfare system. Recently he joined with leaders of the Federal Government, business, and labor on matters of collaboration between government and voluntary agencies in the solution of basic social welfare problems.

Mr. Ford received his A.B. degree from Denison University in 1931. He began his professional education at The Ohio State University in 1931 and completed the degree of M.A. in Social Administration in 1937.

His social work career began as Public Relations Director at the Columbus, Ohio, Community Fund and Council of Social Agencies. He moved quickly to Executive Secretary of the Community Chest of Kansas City, Kansas, and five years later to a similar position at Evanston, Illinois. In 1942, he joined the staff of United Community Funds and Councils of America as Director of Health and Welfare Planning. In 1960, he became its Executive Director.

During his eight years as Director, Mr. Ford has had a prominent role in the transition of the Council movement in America from a service-oriented to a community problem-centered approach; in the development of uniform accounting and service reporting systems for voluntary agencies, Funds, and Councils; in the inauguration of the United Health Foundation and its research and service to local health foundations; and in the preservation and strengthening of the concept of voluntarism.

Mr. Ford has contributed a number of articles to health and welfare publications and to the *Encyclopedia of Social Work*. He has served on the boards of five related national social welfare organizations. He is a member of the Board of Trustees of Denison University, and in 1953, Denison awarded him the Alumni Citation for Distinguished Service.

His imagination and vision have been instrumental in prodding the established voluntary agencies into evaluating their roles in working cooperatively with government agencies at all levels in helping to solve the massive problems of poverty and social change. His leadership is a dynamic force in the major voluntary health and welfare organization in the country.

WALTER CRONKITE

DOCTOR OF HUMANE LETTERS

Outstanding journalist, champion of the public's right to be informed, a man of rare conscience, perception, and courage, whose influence in today's world is beyond measure

The name of Walter Cronkite is so well known throughout this country that any identification is superfluous. As Managing Editor of CBS Evening News as well as reporter and anchor man for special broadcasts on a wide variety of subjects, he has been called "the single most convincing and authoritative figure in TV news." His significant contributions have fostered interest in and understanding of history by the American people through such programs as "Eyewitness to History," "The Twentieth Century," and "The Twenty-first Century."

In addition to the fact that he reaches more people on a regular basis than perhaps any other man in America, Mr. Cronkite also demonstrates a continuing concern for and questioning of the proper role of television in a mass society dominated by mass media. He has been a leader in examining the public responsibility of both commercial and non-commercial public affairs broadcasting and in re-defining the respective responsibilities of print and electronic media.

Mr. Cronkite has also been a leading spokesman for professionalism in American television newscasting. He has advocated special training for television reporters that they might gain a more highly developed news sense, a more disciplined news judgment, and a stronger commitment to responsible and autonomous public affairs broadcasting.

Less well known is Mr. Cronkite's participation in the behind-the-scenes struggles in the early days of television journalism to establish and maintain the autonomy and integrity of television newscasting. His efforts then and throughout his career have demonstrated his dedication to the right of the public to know and to be informed.

Today, Walter Cronkite stands at the top among television's news figures. More than a superlative working reporter and journalist, he is a news policy maker of substantial importance who has reached beyond the television industry to the broader arena of mass decision-making and influence.

A man of conscience and rare perception, Walter Cronkite is a symbol of decency and a model of intelligent reporting. His professional ethics and achievements have become a standard of excellence for today's aspiring journalists. He has raised the level of American journalism significantly. The nation is richer for his presence and his influence.

HENRY CHAUNCEY

DOCTOR OF LAWS

Educator and administrator, whose pre-eminent contributions to the field of educational testing have enriched education at all levels, both in this country and abroad

Henry Chauncey, President of Educational Testing Service, is known and respected in educational circles throughout the world as an imaginative and effective leader in the field of educational testing. Mr. Chauncey has guided the development of that organization from its modest beginnings in 1948 to the present. Literally every college and university in this country and many in foreign lands have benefited from the work of ETS. Through the Graduate Record Examinations, through its research in learning theory, through its institutional evaluation service, through its sponsorship of Educational Services, Inc. (now part of the Educational Development Center), and in many other ways, Educational Testing Service has been a strong force for quality and innovation in higher education. To Henry Chauncey, the distinguished President of this remarkable organization, must go a large part of the credit.

A native of Brooklyn, New York, Mr. Chauncey began his lifetime association with higher education as a freshman at The Ohio State University in 1923. He received his A.B. degree from Harvard College in 1928, and did post-baccalaureate work in the Harvard Graduate School of Arts and Sciences in 1929-31.

Prior to becoming the first President of ETS in 1948, Mr. Chauncey served successively as a teacher of history at the William Penn Charter School (1927-29), Assistant Dean and later as Assistant to the Dean of the Faculty and Chairman of the Committee on Scholarships at Harvard College (1929-45), Assistant Director, Army-Navy College Qualifying Tests, College Entrance Examination Board (1943-45), Associate Secretary and Acting Executive Secretary of the College Entrance Examination Board (1945-46), and Director of the College Entrance Examination Board (1946-48).

Mr. Chauncey's intimate knowledge of educational problems and of the educational process has placed him in great demand as a member of numerous policy-making boards and committees. At the national level alone, his contributions have included the following: Member, Advisory Committee on Foreign Service Examinations, U.S. Department of State; member, Special Panel on Scientific Personnel, Scientific Manpower Commission; member, Education Panel, President's Service Advisory Committee; head, team of American educators to visit the Soviet Union, sponsored by the U.S. Office of Education under the Cultural Exchange Act.

In an uncommonly high degree, Henry Chauncey exemplifies the purposes and ideals of the university. The Ohio State University is honored today to honor him.

CLARENCE C. KELLER

BENJAMIN G. LAMME MEDAL

Prominent industrial leader and creative engineer

Clarence C. Keller, President and Chief Executive Officer of the Holophane Company, has made a career of brightening people's lives. He has led his company to the position of acknowledged leader in the manufacture of quality lighting equipment for industrial plants, schools, offices, and for street and other outdoor lighting. In 1929 Mr. Keller received the Bachelor of Electrical Engineering degree from The Ohio State University and the professional degree, Electrical Engineer, in 1936.

Joining the Holophane Company of Newark, Ohio, in 1929 as a test engineer, he was soon promoted to the position of Manager of Application Engineering and moved to New York City. He advanced through many positions in the sales department before being named President of the company in 1961. Under his direction, his firm has grown from one plant to seven and today also includes subsidiary companies in Ohio, Canada, Mexico, and England.

Throughout his professional career Mr. Keller has served in virtually every elective office of the Illuminating Engineering Society. He was chosen President of that society in 1966. He has served similarly in many capacities for the National Electrical Manufacturers Association, including Vice President and member of the Board of Governors.

Graduate School

Dean: Richard Armitage

Doctor of Philosophy

(One hundred and twenty-one candidates)

- Devendra Prasad Bajpayee.....Lucknow, U.P., India
B.V.Sc. and A.H. (Agra University); M.S. (University of Maryland)
Dissertation: Effect of Photoperiodicity on Circulating Levels of Estrogens, Corticosterone, Calcium, and Free Fatty Acids in the Female Turkey, *Meleagris gallopavo*
Field of Specialization: Poultry Science
- Abe LeVon Balzer.....Hooker, Okla.
B.S., M.S. (University of Oklahoma)
Dissertation: An Exploratory Investigation of Verbal and Nonverbal Behaviors of BSCS Teachers and Non-BSCS Teachers
Field of Specialization: Education
- Jerry Randel Barber.....Columbus
B.S.Ch.E. (West Virginia University); M.Sc.
Dissertation: Intermolecular Forces in the Critical Azeotropic System Propane-Perfluorocyclobutane: Description of Forces in the Vapor Region via Second Virial Coefficients and in the Liquid Region via Internal Pressure and Internal Force
Field of Specialization: Chemical Engineering
- Hal Jackson Basham.....Columbus
B.A. (University of Denver); M.S. (University of Oregon)
Dissertation: Administrator Perceptions of Communication Education in Selected Major Universities
Field of Specialization: Speech
- Lee DeMoyne Bekker.....Fremont, Calif.
B.A., M.A. (Brigham Young University)
Dissertation: Cognitive Style and Defense Preference in a Free Association Task
Field of Specialization: Psychology
- Richard Ercole Benvenuto.....Detroit, Mich.
A.B. (University of Detroit); M.A. (Hollins College, Virginia)
Dissertation: The Romantic Tradition in Thomas Hardy's Major Novels
Field of Specialization: English
- Gabriel Berns.....Santa Cruz, Calif.
B.A., M.A. (University of Wisconsin)
Dissertation: Violence and Poetic Expression: A Study of the Poetry of Miguel Hernandez
Field of Specialization: Romance Languages
- Donald Ray Bethe.....Parma Heights
B.A. Phys. Educ. (San Fernando Valley State College); M.S. (Syracuse University)
Dissertation: Success in Beginning Handball as a Function of the Theory of Achievement Motivation
Field of Specialization: Physical Education

- Joseph Leon Block.....New Hyde Park, N. Y.
 A.B. (Colgate University); M.Sc.
Dissertation: A Study of Low Frequency Oscillations in a Rarefied Magnetoplasma
Field of Specialization: Physics
- Thomas Edwin Boling.....Reynoldsburg
 B.A. (Mississippi College); B.D. (Southern Baptist Theological Seminary); M.A.
Dissertation: Factors Related to Congruous and Incongruous Membership in White Protestant Religious Organizations
Field of Specialization: Sociology
- Daniel Donald Bonar.....Murraysville, W. Va.
 B.S.Ch.E., M.S. (West Virginia University)
Dissertation: On Annular Functions
Field of Specialization: Mathematics
- Doris Stephens Bossen.....Los Altos Hills, Calif.
 A.B. (Vassar College); M.A.
Dissertation: A Follow-Up Study of the Junior College Withdrawal Student
Field of Specialization: Education
- John Kevin Brown.....Painesville
 B.S. (University of Akron); M.Sc.
Dissertation: Finite Groups Having Automorphisms of Large Order
Field of Specialization: Mathematics
- Max Louis Brown.....Cincinnati
 B.Mech.Engr. (University of Cincinnati); M.Sc.
Dissertation: Optimized Form Synthesis of Machine Parts with Respect to such Variables as Performance, Cost, Life, and Conformity to Constraints
Field of Specialization: Mechanical Engineering
- Ewen Linnell Bryden.....Columbus
 B.S. in Ed. (Wittenberg University); M.A.
Dissertation: The Effect of Employee Recreation Programs on the Attraction of Professional Employees to Industrial Firms in the State of Ohio
Field of Specialization: Physical Education
- Robert Malcolm Burns.....Steubenville
 B.Sc., M.Sc.
Dissertation: Experimental Immunity to Tuberculosis in Rabbits Immunized with BCG Microsomal Fraction
Field of Specialization: Microbiology
- Walter Emmitt Carey.....Columbus
 B.A. (Kenyon College); M.Sc.
Dissertation: Effects of X-ray Radiation on Survival of the Cereal Leaf Beetle, *Oulema melanopus* (L.)
Field of Specialization: Zoology and Entomology
- Laird Scott Cermak.....Painesville
 B.A. (Ohio Wesleyan University); M.A.
Dissertation: Repetition and Encoding in Short-Term Memory
Field of Specialization: Psychology

- Arthur William Chaffee.....Columbus
 B.Sc. in Agr., M.Sc.
Dissertation: The Adoption of Modern Agricultural Facilities by Subsistence Farmers in Central Mexico
Field of Specialization: Agricultural Economics and Rural Sociology
- Chan-Po Francis Chan.....Hong Kong
 B.A.Sc. (University of Toronto); M.Sc.
Dissertation: Nonleptonic Decays of Hyperons and Current Algebra
Field of Specialization: Physics
- Braj Kishore Chaubey.....Ghazipur, U.P., India
 B.Sc. (University of Allahabad); M.Sc. (Agra University); M.Sc.
Dissertation: Factors Influencing the Quality of Teaching in Vocational Agriculture
Field of Specialization: Agricultural Education
- Teng Hsueh Chuang.....Taipei, Taiwan, China
 B.S. (National Taiwan University); M.S. (University of Illinois)
Dissertation: Heat and Mass Transfer to a Subfreezing Surface in a Nonuniform Electric Field
Field of Specialization: Mechanical Engineering
- Allan Henry Clauer.....Columbus
 B.S. (Met.E.), M.S. (Met.E.) (University of Wisconsin)
Dissertation: Dislocation Substructure Formed during Creep in Molybdenum Single Crystals
Field of Specialization: Metallurgical Engineering
- Charlie Edward Cloaninger, Jr.....Columbia, S. C.
 B.S. (Clemson College); M. of Ed. (University of Georgia)
Dissertation: The Future Role of the Undergraduate Men's Residence Hall Program as Perceived by Chief Housing Officers at Selected Four-Year Institutions of Higher Learning
Field of Specialization: Education
- John Robert Cochran.....Yellow Springs
 B.Sc. in Edu., M.A.
Dissertation: The Relationship of the Self-Concept to School Motivation and Level of Occupational Aspiration
Field of Specialization: Education
- Chancy Calvin Connolly, Jr.....Napoleon
 B.Sc. in Agr., M.Sc.
Dissertation: Consumption and Saving Functions with Probability of Real Estate Debt Repayment, U.S. Agricultural Sector, 1961
Field of Specialization: Agricultural Economics and Rural Sociology
- George Wade Cornell.....Yellow Springs
 B.S. in Educ. (Kent State University); M.S. in L.S. (Case Western Reserve University)
Dissertation: The College Archive: A Study in Administration
Field of Specialization: Education
- Dallas Mary Cullen.....Calgary, Alba., Canada
 B.A. (University of Alberta); M.S. (Iowa State University)
Dissertation: Attitude Measurement by Cognitive Sampling
Field of Specialization: Psychology

- Andrew Carnegie Currie, Jr.....Hiram
A.B. (Hiram College); M.S. (Purdue University)
Dissertation: An Investigation and Identification of Higher Education
as a Graduate Field of Study and Research
Field of Specialization: Education
- Daniel Wesley DeHayes, Jr.....Columbus
B.Sc., M.B.A.
Dissertation: The General Nature of Transit Time Performance for
Selected Transportation Modes in the Movement of Freight
Field of Specialization: Business Organization
- Raymond Leroy Downs.....Dayton
A.B. (Earlham College, Indiana); M.Sc.
Dissertation: Studies of the Sulfur Dioxide Insertion Reaction in
Transition Metal Allyl Complexes
Field of Specialization: Chemistry
- Duane Maximilian Duman.....Latrobe, Pa.
B.A. (Saint Vincent College); M.Sc.
Dissertation: X-ray Diffraction by Liquid Helium between 4.2°K
and the Critical Point
Field of Specialization: Physics
- Joseph Troy Emanuel, Jr.....Lovington, N. Mex.
B.S. (University of New Mexico); M.A.
Dissertation: An Exploration of Factors Influencing Efficacy of
Knowledge of Results in a Positioning Task
Field of Specialization: Psychology
- Melvin Emanuel.....New Carlisle
B.Sc. in Edu., M.A.
Dissertation: Intelligibility for Consonant-Vowel Combinations under
Conditions of Simulated Hearing-Aid Response Curves
Field of Specialization: Speech
- Wilfredo Gigantoca Espada.....Jaro, Iloilo City, Philippines
B.S.A. (Central Philippine University); M.S. (University of the
Philippines)
Dissertation: Changes of Inorganic Fractions of Phosphorus with
Equilibration Time in Flooded and Moist Soils and the Resulting
Phosphorus Availability to Nato Rice Seedlings
Field of Specialization: Agronomy
- Thomas Parker Evans.....Lexington, Ky.
B.A. (Transylvania College); M.A. (University of Kentucky)
Dissertation: An Exploratory Study of the Verbal and Nonverbal Be-
haviors of Biology Teachers and Their Relationship to Selected Person-
ality Traits
Field of Specialization: Education
- Arthur William Friedel.....Pittsburgh, Pa.
B.S., M.Ed. (University of Pittsburgh)
Dissertation: A Procedure for Observing Teacher and Pupil Behavior
in the Science Classroom
Field of Specialization: Education

- Virginia Bernice Garibaldi.....Lakewood
 B.A. (College of Wooster); M.A. (Case Western Reserve University)
Dissertation: The Development of a Broader Rationale for Foreign Languages in the Elementary Schools and Guidelines for Its Implementation
Field of Specialization: Education
- Russell Alan Geanangel.....Cadiz
 B.Sc.
Dissertation: The Preparation and Some Chemistry of Octahydropentaborate(1-) Salts
Field of Specialization: Chemistry
- Larry Dean Gentry.....Akron
 B.Mus.Ed., M.Mus.Ed. (Indiana University)
Dissertation: A Study of Community Junior College Professional Staff Perception of Their Institutions
Field of Specialization: Education
- Leonard Michael Giambra.....Oxford
 B.A. (University of Rochester); M.A.
Dissertation: Concept Identification Behavior and Selection Strategies as a Function of Sex, Type Start Card, Type Concept, and Number Irrelevant Dimensions
Field of Specialization: Psychology
- Norman Sol Goldner.....Detroit, Mich.
 B.A., M.A. (University of Minnesota)
Dissertation: Social Status and Prejudice: An Additional Test of the Relationship between Upward Social Mobility, Status Orientation, and Prejudice.
Field of Specialization: Sociology
- Donald William Good.....Winchester, Va.
 B.A. (Berea College, Kentucky); M.A. (Louisiana State University)
Dissertation: Thomas Lovell Beddoes: A Critical Study of His Major Works
Field of Specialization: English
- Natalie Ruth Goodhartz.....Brooklyn, N. Y.
 B.S. (Brooklyn College); M.A.
Dissertation: Effects of Acute Exposure to Low Ambient Temperatures on the Work Efficiency of Young Women
Field of Specialization: Physical Education
- Richard Leighton Gregg.....Nevada
 B.E.E., M.Sc.
Dissertation: Maximal-Memory Moore Machines
Field of Specialization: Electrical Engineering
- Andrew Charles Gross.....Cleveland
 B.S. in Elec.Eng., M.B.A. (Case Western Reserve University)
Dissertation: Engineering Manpower in Canada
Field of Specialization: Economics
- John Cecil Guckert.....Columbus
 B.Sc. in Bus.Adm., B.Sc. in Edu., M.A.
Dissertation: The Adaptation of Robert College to Its Turkish Environment, 1900-1927
Field of Specialization: Education

- Kenneth Wayne Harris.....St. Louisville
 B.Sc. in Edu., M.A.
Dissertation: Change in Role Requirements of Superintendents over the Last Quarter Century
Field of Specialization: Education
- Fredrick William Hetzel.....Erie, Pa.
 B.S. (Pennsylvania State University); M.Sc.
Dissertation: Apparent Nonoxidative Synthesis of Quinones
Field of Specialization: Chemistry
- Ashley Stewart Hilton.....Woodland, Pa.
 B.S. (Pennsylvania State University)
Dissertation: Part I. Electrostatic and Steric Effects on the Acidity and Stability of Metal Complexes of a Series of Malonic Acids; Part II. Interaction of Diamines with Glyoxylic Acid and Effect of Metal Ions upon It
Field of Specialization: Chemistry
- Douglas Wayne Hissong.....Cincinnati
 B.S. (University of Cincinnati); M.Sc.
Dissertation: A Thermodynamic Analysis of the Critical Properties of Hydrocarbon Mixtures
Field of Specialization: Chemical Engineering
- William Sanford Hogan.....Cincinnati
 B.S. in M.E., M.S. in M.E. (University of Missouri)
Dissertation: Electromagnetic Scattering of Neutrons
Field of Specialization: Physics
- Joseph E. Hubbard.....Columbus
 B.S. in Phys.Edu., M.S. (Fort Hays Kansas State College)
Dissertation: A Study of Social Values of Mentally Retarded Adolescents
Field of Specialization: Psychology
- Helena Speiser Jones.....Columbus
 B.Sc.
Dissertation: The Effects of Parathyroid Extract upon the Developing Skeleton and Parathyroid Glands of the Embryonic Chick
Field of Specialization: Anatomy
- John Karl Judy.....Germantown
 B.Sc. in Agr., M.Sc.
Dissertation: Differences in the Level of Fertility among Rams When Measured by Fertility and Fecundity of Ewes and Methods for Predicting this Trait
Field of Specialization: Animal Science
- Jerome Lawrence Kalamen.....New Berlin, Wis.
 B.S. (Wisconsin State University, La Crosse); M.A.
Dissertation: Measurement of Maximum Muscular Power in Man
Field of Specialization: Physical Education
- Euwadee Kanjanasthiti.....Bukkalo, Thailand
 B.S. (Michigan State University); M.S. (University of Maryland)
Dissertation: The Feasibility of the Use of Programed Instruction as a Method of Teaching Basic Nutrition to Thai Students at College Level
Field of Specialization: Home Economics

- Tom Clifton Keen.....Tiffin
A.B. (Heidelberg College); M.A. (Kent State University)
Dissertation: George Herbert Mead's Social Theory of Meaning and Experience
Field of Specialization: Philosophy
- Frederick Stephen Koehl.....Ashland
A.B. (Oberlin College)
Dissertation: Difference Properties for Banach-Valued Functions
Field of Specialization: Mathematics
- Leland Milo Kraft, Jr.....Delaware
B.C.E., M.Sc.
Dissertation: Probability Application in Soils Engineering
Field of Specialization: Civil Engineering
- Leonard Emil Kreider.....Wadsworth
B.A. (Bethel College); M.A.
Dissertation: The Development and Utilization of Managerial Talent: A Case Study of Manufacturing Managers in Columbus, Ohio
Field of Specialization: Economics
- Carl Raymond Kropf.....Columbus
B.A. (Otterbein College); M.A. (Kent State University)
Dissertation: Defoe as Puritan Novelist
Field of Specialization: English
- Donald Eugene Lauffer.....Ardmore, Pa.
B.Sc. in Phys.
Dissertation: The Effects of Inhomogeneities in the Radio Frequency Magnetic Field (H_1) on the Measurements of T_2 by Nuclear Magnetic Resonance Spin-Echoes
Field of Specialization: Physics
- Richard Day Lawrence.....Richmond, Va.
B.S. (United States Military Academy); M.S. in M.E. (University of Southern California)
Dissertation: A Study of Quasi-Analytic Models for Improvement of the Military Commander's Tactical Decision Process
Field of Specialization: Industrial Engineering
- Richard Edward Lawrie.....Richardson, Tex.
B.E.E. (University of Dayton); M.Sc.
Dissertation: Optimization of the Directivity of a Planar, Equiangular, Spiral Antenna
Field of Specialization: Electrical Engineering
- Lee Charlotte Lee.....Yellow Springs
B.A. (Mount Union College); M.S. (Psych.) (Ohio University)
Dissertation: The Concomitant Development of Cognitive and Moral Modes of Thought: A Test of Selected Deductions from Piaget's Theory
Field of Specialization: Psychology
- Thomas Michael Lennon.....New York, N. Y.
B.A. (Manhattan College)
Dissertation: The Problem of Intentionality in Recent Analytic Philosophy
Field of Specialization: Philosophy

- James Edward Lightner.....Frederick, Md.
 B.A. (Western Maryland College); M.A. (Northwestern University)
Dissertation: The Effect of the Recommendations of the Committee on the Undergraduate Program in Mathematics upon the Mathematics Curricula of the Colleges of Maryland
Field of Specialization: Education
- Glenn Frank Lindsay.....Monterey, Calif.
 B.S. (Oregon State College); M.Sc.
Dissertation: Minimum-Cost Screening Inspection Programs for Multiple Defects
Field of Specialization: Industrial Engineering
- Paul Scott Malcom.....Cridersville
 B.S., M.Ed. (Miami University)
Dissertation: Finite Trigonometry: A Resource for Teachers
Field of Specialization: Education
- Gary James Marmer.....Cincinnati
 B.S. (Case Western Reserve University); M.S. (Auburn University)
Dissertation: Differential Production Cross-Sections of Low Momentum Particles from 12.3 BeV/c Protons
Field of Specialization: Physics
- George Marr.....Oxford
 A. B. (Hope College); M.S. (Miami University)
Dissertation: Measurement and Analysis of the Polarization of Protons from the $^{12}\text{C}(^3\text{He},p)^{14}\text{N}$ (g.s.) and $^{12}\text{C}(^3\text{He},p)^{14}\text{N}^*(2.31 \text{ MeV})$ Reactions
Field of Specialization: Physics
- Byron Dale Martin.....Columbus
 B.A. (Johns Hopkins University)
Dissertation: Low Temperature Heat Capacities of α -Manganese, Cesium, and Rubidium
Field of Specialization: Physics
- Patrick Andrew Martinelli.....United States Air Force Academy, Colo.
 B.S. (Georgetown University); M.B.A.
Dissertation: Marketing in Thailand: A Comparative Analysis with Special Reference to Wholesaling
Field of Specialization: Business Organization
- Jack Gibson Matthews.....State College, Ark.
 B.S.E. (Henderson State Teachers' College); M.S. (University of Arkansas)
Dissertation: A Study of the Teaching Process in the Classroom of Selected Physics Teachers
Field of Specialization: Education
- Richard Earl McClaine.....Columbus
 B.Sc. in Bus. Adm.; M.B.A. (Indiana University)
Dissertation: Factors in Executive Promotion and Demotion: An Empirical Study
Field of Specialization: Business Organization
- Wilhelmina Desda McFee.....Haverhill, Mass.
 B.S. (B. U. Sargent College); M.S. (Smith College)
Dissertation: The Relationships between Body Image Boundaries, Estimates of Dimensions of Body Space, and Performance of Selected Gross Motor Tasks in Late Adolescent Subjects
Field of Specialization: Physical Education

- Marion Juliette Merchant.....Goble, Mich.
 B.A. (Emmanuel Missionary College)
Dissertation: A Statistical Analysis of a Behavior Checklist
Field of Specialization: Psychology
- Merrill Loren Minges.....Fairborn
 S.B. in Ch.E., M.S. (Chem.Engr.) (Massachusetts Institute of Technology)
Dissertation: The Temperature Dependence of the Thermal Contact Resistance across Nonmetallic Interfaces
Field of Specialization: Chemical Engineering
- Joseph Anthony Murphy.....Philadelphia, Pa.
 B.A. (LaSalle College)
Dissertation: The Contributions of Social Studies Methodology to Foreign Language Teaching
Field of Specialization: Education
- Robert Edward Myers.....Bethany, W. Va.
 B.A. (Bethany College); B.D. (Texas Christian University)
Dissertation: Studies in Method and Religion in Hume's 'Science of Human Nature'
Field of Specialization: Philosophy
- Otto Millard Nelson.....Lubbock, Tex.
 B.S., M.A. (University of Oregon)
Dissertation: The German Social Democratic Party and France, 1918-1933
Field of Specialization: History
- Lloyd Charles Nietling.....Las Vegas, Nev.
 B.A. (Saint Mary of the Plains College); B.S. (Aquinas College); A.M. (University of Michigan)
Dissertation: Using Problems to Initiate the Study of Certain Topics in Mathematics
Field of Specialization: Education
- Mary Lou Dumbauld Niple.....Columbus
 B.A., M.A.
Dissertation: The Relationship of Different Study Methods to Immediate and Delayed Comprehension
Field of Specialization: Psychology
- Geraldine O'Hara O'Neill.....Cincinnati
 A.B., A.M. (University of Michigan)
Dissertation: Teaching French Literature in the Secondary School
Field of Specialization: Education
- Hazel Clara Peterson.....Brooks, Ore.
 B.S., M.S. (University of Oregon)
Dissertation: Dorothy S. Ainsworth: Her Life, Professional Career, and Contributions to Physical Education
Field of Specialization: Physical Education
- Paul Harold Phillips.....Alton, Ill.
 B.S., M.S. (Southern Illinois University)
Dissertation: A Comparative Study of the Effectiveness of Two Methods of Teaching Elementary Mathematical Proofs
Field of Specialization: Education

- William Frank Pilder.....Cincinnati
 B.S. in Edu. (University of Dayton); M.A.
Dissertation: The Concept of Utility in Curriculum Discourse: 1918-1967
Field of Specialization: Education
- Benjamin Francis Plybon.....Oxford
 B.S. (Marshall University); M.S. (Carnegie Institute of Technology)
Dissertation: Conservation Laws for Electromagnetic Fields
Field of Specialization: Mathematics
- William Alfred Poppen.....Castlewood, S. Dak.
 B.S. (South Dakota State College); M.A.
Dissertation: Case Conference Groups as an In-Service Education Technique
Field of Specialization: Education
- James Franklin Rhodes.....Bedford
 B.Chem.E. (University of Detroit); M.Sc.
Dissertation: Rheology of Vitreous Coatings
Field of Specialization: Ceramic Engineering
- David Irving Richard.....Gibsonburg
 B.S. (Capital University); M.Sc.
Dissertation: The Movement Patterns of Populations of Red-Winged Blackbirds, *Agelaius phoeniceus*, in the Western Lake Erie Basin
Field of Specialization: Zoology and Entomology
- Timothy Andrew Riggle.....Springfield
 A.B., M.Ed. (Wittenberg University)
Dissertation: The Vector Space as a Unifying Concept in School Mathematics
Field of Specialization: Education
- Paul Gabriel Rosso.....Gahanna
 B.E.E. (Manhattan College); M.Sc.
Dissertation: An Application of Multivariable Orthogonal Polynomial Series Analysis of Nonlinear Control Systems
Field of Specialization: Electrical Engineering
- Claude Charles Rust.....Lakewood
 B.Sc.
Dissertation: Conodonts of the Martinsburg Formation (Ordovician) of Southwestern Virginia
Field of Specialization: Geology
- Victor Malcolm Showalter.....Bay Village
 B.S. (Otterbein College); B.Sc. in Edu.; M.S. (University of Wyoming)
Dissertation: Effects of a Unified Science Curriculum on High School Graduates
Field of Specialization: Education
- Alfred Newton Smith.....Columbus
 B.A. (University of Denver)
Dissertation: Reading Instruction in English and in Modern Foreign Languages: A Comparative Study
Field of Specialization: Education

- John Robert Smith.....Parma Heights
 B.S.E.P. (University of Toledo)
Dissertation: Statistical Theory of the Inhomogeneous Electron Gas
Field of Specialization: Physics
- Phyllis Stoll Smith.....Hamilton
 A.B. (University of Cincinnati); M.A. (Louisiana State University)
Dissertation: Relationship between Codability and Connotative Meaning of People Referents at Two Age Levels
Field of Specialization: Speech
- †Edward Joseph Sommer.....Newark
 B.A. (West Liberty State College); M.Ed. (Kent State University)
Dissertation: National Educational Assessment and the Affect on Local School Policy
Field of Specialization: Education
- Otto Donald Spielbichler.....Pittsburgh, Pa.
 B.S. in Ed. (Slippery Rock State College, Pennsylvania); M.A. (Colgate University)
Dissertation: The Counseling Practicum: Its Impact on Prospective Counselors
Field of Specialization: Education
- Elmer Anthony Spreitzer.....Columbus
 B.S. (John Carroll University); M.A. (Case Western Reserve University)
Dissertation: Patterns of Informal Organization within a Rehabilitation Center: A Sociometric Study
Field of Specialization: Sociology
- Alan Roger Stephenson.....Rock City Falls, N. Y.
 A.B., M.A. (State University of New York at Albany)
Dissertation: School Broadcasting Organization: An Analysis of Structures and Functions
Field of Specialization: Education
- Smith Thomas Stickley.....Urbana
 B.Sc. in Agr., M.Sc.
Dissertation: Factors Associated with Incomes of Ecuadorian Farmers
Field of Specialization: Agricultural Economics and Rural Sociology
- Michael Henry Strub.....Springfield, Va.
 B.A. (Fordham University); M.A.
Dissertation: Perception of Second-Order Conditional Probability in a Two-Choice Learning Situation
Field of Specialization: Psychology
- George Stukhart, Jr.....Springfield, Va.
 B.S. (United States Military Academy); M.S. (New York University)
Dissertation: The Theory of Geodetic Observations
Field of Specialization: Geodetic Science
- William Patrick Sullivan.....Dayton
 B.S. (Pennsylvania State University)
Dissertation: Muscle Fatigue and Electromyographic Changes during Isometric Exercise in Presence of Vascular Occlusion
Field of Specialization: Psychology

† Degree granted in cooperation with Miami University

- Philip Edward Tieman.....Grove City
 B.Sc. in Edu.; M.Ed. (University of Cincinnati)
Dissertation: A Survey of Educational Consultants and Their Role in
 the Recruitment and Selection of School Superintendents
Field of Specialization: Education
- Frank Joseph Tokarz.....Shadyside
 B.C.E.; M.S. (University of Washington)
Dissertation: Lateral-Torsional Buckling of Arches
Field of Specialization: Civil Engineering
- Kenneth Ray Venderbush.....Appleton, Wis.
 B.A. (Kalamazoo College); M.A. (Wayne State University)
Dissertation: Communication in Contemporary Student Controversies
Field of Specialization: Speech
- Kenneth Ralph Wallace.....Warren
 B.A., M.A. (University of Akron)
Dissertation: Comparison of Objective and Subjective Teacher Rating
 Techniques
Field of Specialization: Psychology
- Darrell Elmo Wible.....Muncie, Ind.
 B.S., M.S. (Indiana State Teachers' College, Terre Haute)
Dissertation: Deintermixture: An Analysis of Television Station Li-
 censing as Related to St. Louis, Missouri; Springfield, Illinois; and
 Specifically, Terre Haute, Indiana
Field of Specialization: Speech
- Robert Carl Williges.....Chattanooga, Tenn.
 A.B. (Wittenberg University); M.A.
Dissertation: Decision Processes in Monitoring Performance
Field of Specialization: Psychology
- Joe Don Willis.....Longview, Tex.
 B.S.E. (Henderson State Teachers College); M.S.Ed. (Kearney State
 College)
Dissertation: Achievement Motivation, Success, and Competitiveness in
 College Wrestling
Field of Specialization: Physical Education
- Lawrence Seth Wittenbrook.....Marysville
 B.S. (Cleveland State University); M.Sc.
Dissertation: A Study of the Ramberg-Bäcklund Rearrangement and
 Related Chemistry
Field of Specialization: Chemistry
- Lauren Gene Wolfe.....Columbus
 D.V.M., M.Sc.
Dissertation: Experimental Aerosol Transmission of Yaba Virus in
 Monkeys
Field of Specialization: Veterinary Pathology
- Virginia Smith Wolfe.....Columbus
 B.Sc. in Edu., M.A.
Dissertation: The Social Significance of Negro Speech
Field of Specialization: Speech

Christel Gunkel Woodward.....Northport, N. Y.
 B.S. (State University College, Potsdam, New York); M.A.
Dissertation: Combining Methods of Description in Personality Assessment
Field of Specialization: Psychology

Rebecca Hayworth Wright.....Rand, W. Va.
 B.S. in Edu. (West Virginia State College); M.Sc.
Dissertation: The Effect of *Plasmodium gallinaceum* Infection upon Elution of Chromium-51 from Erythrocytes of Chickens
Field of Specialization: Zoology and Entomology

Chuen Yuan Yeh.....Formosa, China
 B.S. (National Taiwan University); M.S. (Georgia Institute of Technology)
Dissertation: Effects of Substituents on the Formation and Conformation of Imines Derived from Isobutyraldehyde and Saturated Primary Alkylamines
Field of Specialization: Chemistry

Stephen Lawrence Zolnay.....Cleveland
 B.E.E., M.Sc.
Dissertation: Performance Characteristics of Communication Systems Employing Near-Synchronous (IDCSP) Satellites
Field of Specialization: Electrical Engineering

Certificate of Specialist in Educational Administration (Two candidates)

John David Rathbone.....Ashtabula
 B.A. (Alderson-Broadbush College); M.A. (Marshall College)
 Paul Richings.....Grove City
 B.S. in Educ., M.E.D. (Kent State University)

Master of Accounting (Three candidates)

Donna Mary Aher.....Lebanon, N. H.
 B.A. (Mount Saint Mary College)
Field of Specialization: Accounting

John Louis Giering.....Poland
 A.B. (Duke University)
Field of Specialization: Accounting

Mervin Daniel Winston.....Columbus
 B.Sc. in Bus. Adm.
Field of Specialization: Accounting

Master of Arts (Two hundred and fourteen candidates)

Louise Edwina Allin.....Lakewood
 B.Sc. in Edu.
Field of Specialization: English

Arnold Arthur Anderson.....Columbus
 B.A. (Marshall University)
Field of Specialization: Education

- James Willis Anderson.....Willshire
B.Sc.
Field of Specialization: Journalism
- Richard Edward Anstett.....Lancaster, N. Y.
B.A. (Canisius College)
Field of Specialization: Psychology
- Mary Ann Fisher Anzinger.....Columbus
B.A. (Marquette University)
Field of Specialization: English
- Jason Philip Aronoff.....Millville, N. J.
B.A. (Kent State University)
Field of Specialization: Psychology
- Antonia Sophia Bahas.....Canton
B.Sc. in Edu.
Field of Specialization: Education
- George Roger Baldwin.....Alexandria
A.B. (Capital University)
Field of Specialization: History
- Peter R. Barthels.....Fairfield
A.B. (Miami University)
Field of Specialization: German
- Judith Langdon Bauer.....Columbus
B.S. (Capital University)
Field of Specialization: Education
- Barbara Lee Beck.....Glenshaw, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Education
- James Robert Beckley.....Bradford
B.S. Agr. (West Virginia University)
Field of Specialization: Agricultural Education
- Annie L. Bedell.....Dayton
B.S. (Ed) (Alabama State College)
Field of Specialization: Education
- David George Bernon.....Shaker Heights
B.A. (Muskingum College)
Field of Specialization: Economics
- David Frederick Berry.....North Royalton
A.B. (Baldwin-Wallace College)
Field of Specialization: Psychology
- Harry Charles Bichsel.....Salem
A.B. (Oberlin College)
Field of Specialization: Political Science
- Diane Weaston Birekbichler.....Westerville
B.A. (Otterbein College)
Field of Specialization: Romance Languages
- Donald Eugene Bishop.....Columbus
A.B. (Capital University)
Field of Specialization: Speech
- Barbara Anne Bogart.....Columbus Grove
B.Sc. in Edu.
Field of Specialization: Physical Education

- Debrah Bornstein Bokowski.....Prairie Village, Kan.
A.B. (University of Colorado)
Field of Specialization: Philosophy
- Eleanor Steele Bowlus.....Fredericktown
B.A. (Muskingum College)
Field of Specialization: Education
- Dorothy Ann Boyd.....Philadelphia, Pa.
A.B., Ed. M. (Temple University)
Field of Specialization: History
- James Leonard Bradford.....Wayland, Mass.
B.Sc.
Field of Specialization: Education
- Joanne Stewart Brewer.....Ithaca, N. Y.
B.S. (Cornell University)
Field of Specialization: Psychology
- Marilyn Hixon Brown.....Hillsboro
B.A., B.Sc. in Edu.
Field of Specialization: English
- Patricia Joan Brown.....St. Louis, Mo.
B.A. (Westhampton College)
Field of Specialization: Speech
- Dalia Stefanija Bruzas.....Cleveland
A.B. (Ohio University)
Field of Specialization: Slavic Languages
- Ruth Matt Bunin.....Cleveland Heights
B.Sc. in Edu.
Field of Specialization: Education
- Elizabeth Crall Butterbaugh.....Shelby
B.A. (Butler University)
Field of Specialization: Speech
- John Sylvester Camiscioni.....Willard
B.A.
Field of Specialization: Education
- John Kasson Carter.....Columbus
B.Music (Capital University)
Field of Specialization: Music
- Vera Jane Cashell.....Mansfield
B.S. (Ed.) (Bowling Green State University)
Field of Specialization: Education
- Ned Peter Cost.....Euclid
B.Sc.
Field of Specialization: Psychology
- Joan Pemberton Cravens.....Columbus
B.A. (University of Washington)
Field of Specialization: English
- Sister Shirley Ann Cunningham.....La Crosse, Wis.
B.A. (Viterbo College)
Field of Specialization: English

- Mary Pearl Datish.....Warren
B.S.Ed. (Kent State University)
Field of Specialization: Education
- Janet Sue Dinkel.....Toledo
A.B. (Wittenberg University)
Field of Specialization: Economics
- Eugene Peter Dragonette, Jr.....Troy
B.S. (Xavier University)
Field of Specialization: Education
- Anne Craig Droste.....Bloomington
B.Sc. in Edu.
Field of Specialization: Music
- Mary Bonnot Dutton.....Toledo
B.S. in Ed. (Ashland College)
Field of Specialization: Education
- John Thomas Fellerath.....Bay Shore, N. Y.
B.A. (Le Moyne College)
Field of Specialization: Psychology
- Peter Gert Finke.....Columbus
B.A.
Field of Specialization: Geography
- Barbara Lucy Fisk.....Wyckoff, N. J.
A.B. (Douglass College)
Field of Specialization: Psychology
- Brangwyn Foote.....Needles, Calif.
B.A. (University of Arizona)
Field of Specialization: Education
- Frank Edwin Fortkamp.....Columbus
A.B. (Pontifical College Josephinum)
Field of Specialization: Education
- Charles David Foust.....Akron
B.Sc. in Edu.
Field of Specialization: Education
- Ruth Amelia Fox.....Oakland, Md.
B.A.
Field of Specialization: English
- Elizabeth Anne Freilich.....New York, N. Y.
B.S. (Saint Lawrence University)
Field of Specialization: Education
- Linda Sue Frey.....Columbus
B.A., B.Sc. in Edu.
Field of Specialization: History
- Marsha Lee Frey.....Columbus
B.A., B.Sc. in Edu.
Field of Specialization: History
- James Donald Fritzen.....Seattle, Wash.
B.S. (Seattle University)
Field of Specialization: Psychology

- Lawrence Edward Gaichas.....Chicago, Ill.
H.A.B. (Xavier University)
Field of Specialization: Classics
- Judith Siegmund Gardner.....Arlington, Va.
B.A. (Purdue University)
Field of Specialization: Art
- Kathleen Louise Gase.....Tiffin
A.B. (College of Saint Francis)
Field of Specialization: Music
- Sister Mary Karen Gearhart.....Columbus
B.A. (College of Saint Mary of the Springs)
Field of Specialization: History
- Judith Glicksberg.....Shaker Heights
B.Sc. in Edu.
Field of Specialization: Education
- Sara Lou Gloeckner.....Columbus
B.F.A.
Field of Specialization: Art
- Robert Warren Glover.....Lakewood
B.A.
Field of Specialization: Psychology
- Sidi Grunstein Gluck.....Columbus
B.Sc. in Edu.
Field of Specialization: Art
- Karis Goodman Goldsberry.....Chillicothe
B.Sc. in Edu.
Field of Specialization: Education
- Dolores Ruda Gray.....Columbus
B.A. (Michigan State University)
Field of Specialization: Sociology
- Roger Newker Gray.....Bucyrus
B.A.
Field of Specialization: Education
- James Samuel Grayson.....Jellico, Tenn.
B.S.Ed. (Cumberland College)
Field of Specialization: Education
- Irene Rappaport Greenberg.....Columbus
A.B. (Brooklyn College)
Field of Specialization: Psychology
- Gloria Sophia Greenzalis.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Robert Mac Groff.....Washington C. H.
B.Sc. in Edu.
Field of Specialization: Education
- Thomas Joseph Grogan.....Cincinnati
B.S. (Xavier University)
Field of Specialization: Economics

- Lyla Louise Haggard.....Covington, Ky.
 B.A. (Transylvania College)
Field of Specialization: Romance Languages
- Mary Beatrice Haldane.....Waverly
 B.Sc.
Field of Specialization: Education
- Gary Kenneth Hamer.....Newark
 B.A.
Field of Specialization: Sociology
- Karalyn Lue Heimlich.....Marysville
 B.Sc. in Edu.
Field of Specialization: Education
- Philip Greenberg Helburn.....Cincinnati
 B.A. (University of Wisconsin)
Field of Specialization: Art
- Judith Wendling Herron.....Dover
 B.Sc. in Edu.
Field of Specialization: Education
- Michael Bruce Herzbrun.....Cleveland
 A.B. (Hiram College)
Field of Specialization: Psychology
- Charlotte Kopac Herzog.....Dolton, Ill.
 B. of F.A. (University of Illinois)
Field of Specialization: Art
- Janet Hill.....Knoxville, Tenn.
 B.S. in Journ. (University of Tennessee)
Field of Specialization: Journalism
- Yvonne Spring Hinton.....Delaware
 B.Sc. in Edu.
Field of Specialization: Education
- Margaret Armstrong Hisrich.....New Philadelphia
 B.A. (College of Steubenville)
Field of Specialization: English
- Karen Iris Hodor.....Coral Gables, Fla.
 B.Sc. in Edu.
Field of Specialization: Education
- Robert Joseph Hoffman.....Omaha, Neb.
 B.A. (Creighton University)
Field of Specialization: Linguistics
- Hans Jakob Hogel.....Lemvig, Denmark
 B.E. (Haderslev Statsseminarium)
Field of Specialization: German
- Chloe Stark Hollinger.....Groveport
 A.B. (University of Cincinnati)
Field of Specialization: Psychology
- Sally Jo Holmer.....Jefferson, Ia.
 B.A. (Millikin University)
Field of Specialization: Physical Education

- Ronald Lynn Hopper.....Worthington
B.S. in Ed. (Otterbein College)
Field of Specialization: Education
- Karen Steuart Howell.....Worthington
B.A. (Muskingum College)
Field of Specialization: Physical Education
- Lydia Nash Hoyer.....Dayton
B.Sc. in Edu.
Field of Specialization: Education
- John Franklin Hunt.....Newark
B.S. (Rio Grande College)
Field of Specialization: History
- Linda Mae Hunt.....Stow
B.A.
Field of Specialization: Psychology
- Thomas Otto Iles.....Nelsonville
B.S.Ed. (Ohio University)
Field of Specialization: Education
- Sharon Ireland.....Parsons, Kan.
B.A. (Ottawa University)
Field of Specialization: Education
- Dorothy Woytowicz Jackson.....Columbus
A.B. (Queens College)
Field of Specialization: Psychology
- James Harold Jackson.....Akron
B.A.
Field of Specialization: Sociology
- Morris Jacobs.....Great Neck, N. Y.
B.A. (Hartwick College)
Field of Specialization: English
- Philip Dana Jaeger, Jr.....Amherst
B.Sc. in Edu.
Field of Specialization: Education
- Rollin Dean Jauchius.....Newark
B.A.
Field of Specialization: Political Science
- Douglas Jeffrey.....Leeds, England
B.A. (Econ.) Hons. (Sheffield University, England)
Field of Specialization: Geography
- Aris Valdis Jende.....Kingston
B.Sc. in Edu.
Field of Specialization: Education
- Harold Bru Hegnet Jensen.....Arnold, Pa.
B.S. in Ed. (Indiana State College, Pennsylvania)
Field of Specialization: Geography
- Bettie Shields Johnson.....Columbus
B.Sc. in Edu.
Field of Specialization: Education

- Willy Pearl Johnson.....East Cleveland
A.B. (Baldwin-Wallace College)
Field of Specialization: Psychology
- Kim Roger Jonason.....Amarillo, Tex.
B.A. (Psychology) (Texas Technological College)
Field of Specialization: Psychology
- Clifford Wayne Jones.....Jackson
B.S. (Eastern Kentucky State College)
Field of Specialization: Education
- Paul David Joubert.....Marlboro, Mass.
B.A. (University of Notre Dame)
Field of Specialization: Education
- Carolyn Ruth Kaiser.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- S. John Kaldahl.....Crown Point, Ind.
A.B. (Indiana University)
Field of Specialization: Philosophy
- Thomas Arthur Kaluzynski.....West Allis, Wis.
B.A. (Creighton University)
Field of Specialization: English
- Cornelius Armin Karalius.....Cleveland
B.A.
Field of Specialization: Philosophy
- Maureen Ann Kelley.....Ballston Spa, N. Y.
B.S. (State University College, Plattsburgh, New York)
Field of Specialization: Psychology
- Lucille Bett Kern.....Alliance
B.Sc. in Edu.
Field of Specialization: Art
- Wayne Gilbert Kerns.....Wellsville
B.Sc. in Edu.
Field of Specialization: Education
- Jill Harshbarger King.....Columbus
B.A. (University of Toledo)
Field of Specialization: Education
- Ralph Willard Kleinline, II.....Columbus
B.Sc. in Edu., B.A.
Field of Specialization: Education
- David Finley Koehler.....Upper Sandusky
B.Sc. in Edu.
Field of Specialization: Education
- James A. Koehler.....Columbus
B.A. (Theological Concordia Seminary)
Field of Specialization: History

- Deborah Shifman Kovsky.....Canton
B.Sc. in Edu.
Field of Specialization: Education
- Sister M. Agnes Clare Krepcho.....Columbus
B.S. Ed. (Villa Marie College)
Field of Specialization: Education
- Gary Alden Kreps.....Columbus
A.B. (University of Akron)
Field of Specialization: Sociology
- Laurana Lee Krueck.....Dayton
A.B. (Miami University)
Field of Specialization: Romance Languages
- Mohammed Yousouf Kurmally.....Beau Bassin, Mauritius
B.A. (University of New Brunswick)
Field of Specialization: Classics
- David William Lacey.....New York, N. Y.
B.A. (Le Moyne College)
Field of Specialization: Psychology
- Susan Jean Lackey.....Youngstown
B.Sc. in Edu.
Field of Specialization: Education
- William Wilson Lamb.....Wheeling, W. Va.
B.F.A.
Field of Specialization: Art
- Frank Joe LaSeta.....Marion
B.S.Ed. (Otterbein College)
Field of Specialization: Physical Education
- David Alan Laurenzo.....Scotia, N. Y.
B.A. (State University of New York at Albany)
Field of Specialization: Political Science
- John Allen Ledingham, Jr.....Springfield
B.A.
Field of Specialization: Journalism
- Young Eun Kang Lee.....Seoul, Korea
B.A. (Ewha Woman's University)
Field of Specialization: Education
- Anita Weishaupl Leighton.....Massapequa, N. Y.
B.A. (Douglass College)
Field of Specialization: German
- Eulah Myers Littrell.....Hebron
B.S. (Kent State University)
Field of Specialization: Education
- Peter David Lively.....Chaumont, N. Y.
B.Sc. in Edu.
Field of Specialization: Physical Education
- Jaime Lopez-Carrion.....Madrid, Spain
Field of Specialization: Romance Languages

- John Ellison Loth, Jr.....Waynesboro, Va.
B.A. (University of Maryland)
Field of Specialization: German
- David Lee Lucas.....Willoughby
B.S. (Lake Erie College)
Field of Specialization: Geography
- Timothy Vincent Luckhaupt.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- John David Lund.....Warrenville, Ill.
B.A. (Knox College)
Field of Specialization: History
- Carolyn Louise Lytle.....Cleveland
B.S. (George Peabody College for Teachers)
Field of Specialization: Education
- Diane Jane MacGregor.....Canton
B.S.Ed. (Kent State University)
Field of Specialization: Education
- Jeanne Marie Mallett.....Bay Village
B.A.
Field of Specialization: Political Science
- Martha Reuss Malloy.....Columbus
A.B. (Denison University)
Field of Specialization: Education
- Charles Alton McCloud.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- James Earl McCord.....Ashville
B.Sc. in Edu.
Field of Specialization: Education
- Margaret Ross McGavran.....Columbus
B.A.
Field of Specialization: English
- John Hudson McGriff.....Columbus
B.Sc. in Edu.
Field of Specialization: Political Science
- Joseph Melnick.....Valley Stream, N. Y.
B.A. (State University of New York at Buffalo)
Field of Specialization: Psychology
- Dorene Weagly Miller.....Westerville
B.S. in Ed. (Capital University)
Field of Specialization: Education
- Sandra Kay Miller.....Springfield
B.A.
Field of Specialization: History
- Lawrence Earl Mundis, Jr.....York, Pa.
B.A. (Susquehanna University)
Field of Specialization: History

- John Chester Muster.....Canton
B.A., B.S. (Otterbein College)
Field of Specialization: Education
- Richard Leon Nelson.....Honolulu, Hawaii
B.A. Ed. (California College of Arts and Crafts)
Field of Specialization: Art
- Carole Coleman Newcomb.....Columbus
B.A. (University of Southern Mississippi)
Field of Specialization: Education
- Anthony Frederick Nield.....Edmonton, Alba., Canada
B.A. (University of Alberta)
Field of Specialization: Psychology
- Gloria Antoinette Nosan.....Euclid
B.A.
Field of Specialization: Romance Languages
- Luther Olson.....Solon
B.Mus. (University of Michigan)
Field of Specialization: Music
- Edward John Orazen.....Euclid
B.Sc. in Edu.
Field of Specialization: Education
- Florence Uguccioni Ouzts.....Onsted, Mich.
B.A. (Adrian College)
Field of Specialization: Speech
- Karen King Pacheco.....Fairborn
B.Sc. in Edu.
Field of Specialization: Education
- Francis Lee Partsch.....St. Paul, Neb.
A.B. (University of Nebraska)
Field of Specialization: Journalism
- Albert L. Penn.....Mt. Gilead
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Mary Virginia Perry.....Niles, Ill.
A.B. (University of Dayton)
Field of Specialization: Education
- Nancy Irwin Pertcheck.....Columbus
B.Sc. in Edu.
Field of Specialization: Education
- Eugene Allen Phillips.....Dayton
B.Mus.
Field of Specialization: Music
- Jane Newell Pletcher.....Lockport, N. Y.
A.B. (Miami University)
Field of Specialization: Journalism
- Howard Maxwell Potter.....Stockbridge, Mass.
B.S. (United States Military Academy)
Field of Specialization: Political Science

- Sandra Germond Pritz.....Columbus
A.B. (Mount Holyoke College)
Field of Specialization: Economics
- Walter Wayne Radike.....St. Clair, Mich.
B.A. (Adrian College)
Field of Specialization: Sociology
- James Richard Raia.....Parma
B.Sc.
Field of Specialization: Psychology
- Mary Mueller Ratliff.....Litchfield, Ill.
B.Sc. in Edu.
Field of Specialization: Education
- Patricia Ann Renick.....Tampa, Fla.
B.S. (Florida State University)
Field of Specialization: Art
- Ann Willa Richardson.....Huntington, W. Va.
B.A. (Marshall University)
Field of Specialization: Education
- Carole Lou Roberts.....Lewisburg
B.Sc. in Edu.
Field of Specialization: Physical Education (Health Education)
- John Theodore Robich.....Dillon, S. C.
B.A.
Field of Specialization: Sociology
- William Arthur Rottmayer.....Tallmadge
B.A.
Field of Specialization: Philosophy
- Susan Lucas Royer.....Dayton
B.Sc. in Edu.
Field of Specialization: Sociology
- Thomas Lee Sands.....Columbus
B.A., B.Sc. in Edu.
Field of Specialization: Education
- Joseph Frederick Santoro.....Newark, N. Y.
B.S. (State University College of Education at Oswego, New York)
Field of Specialization: Education
- Paul Reber Schilling.....Tiffin
B.S. (Bluffton College)
Field of Specialization: Psychology
- Ruediger Siegfried Schroeer.....Enon
B.A., B.Sc. in Edu.
Field of Specialization: Psychology
- Alice Louise Schupp.....Peabody, Kan.
B.A. (Beloit College)
Field of Specialization: Romance Languages

- James Joseph Schwartz.....Newark
Ph.B. (Pontificia Universitas Gregoriana, Italy)
Field of Specialization: Romance Languages
- Otto Alfred Schwarz.....Lorain
B.Sc. in Edu.
Field of Specialization: Education
- Charles Lanier Shaffer.....Columbus
B.Sc.
Field of Specialization: Psychology
- Nicholas Andrew Sharp.....Lawrence, Kan.
B.A. (University of Kansas)
Field of Specialization: English
- Judith Denecke Showalter.....Columbus
B.A. (Blackburn College, Illinois)
Field of Specialization: Romance Languages
- Janet Barber Smith.....Shaker Heights
B.A. (Albion College)
Field of Specialization: Education
- John Matthew Soptick.....Shawnee Mission, Kan.
B.A. (Rockhurst College)
Field of Specialization: Education
- Lee Irving Spade.....Worthington
B.S.Ed. (Butler University)
Field of Specialization: Psychology
- Larry Lee Speelman.....Columbus
B.S. in Edu. (Wittenberg University)
Field of Specialization: Education
- Paula Lazarus Spier.....Yellow Springs
A.B. (Antioch College)
Field of Specialization: Psychology
- Patricia Anne Stedman.....Columbus
B.A. (College of Saint Mary of the Springs)
Field of Specialization: Sociology
- Connie Williams Stephens.....Steubenville
B.S. in Elem. Edu. (Mount Union College)
Field of Specialization: Education
- Joan Maynard Stettner.....Bronx, N. Y.
B.A. (Hofstra College)
Field of Specialization: History
- Duane Howard Straight.....Steubenville
B.S. (Phy. Ed.) (University of Notre Dame)
Field of Specialization: Physical Education
- Carol Russow Taylor.....Columbus
B.A. (Michigan State University)
Field of Specialization: Education
- Ronald Livingston Thompson.....Miami, Fla.
B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Speech

- Janet Caron Topper.....Flushing, N. Y.
B.A. (State University of New York at Albany)
Field of Specialization: History
- David M. W. Travers.....Kalamazoo, Mich.
A.B. (Oberlin College)
Field of Specialization: Philosophy
- Abigail Turner.....Decatur, Ala.
B.S. (Auburn University)
Field of Specialization: Economics
- Bruce Randolph Tyler.....Brecksville
A.B. (Miami University)
Field of Specialization: Romance Languages
- Karen Hanslanger Vaneman.....Beaver Falls, Pa.
B.A. (Geneva College)
Field of Specialization: English
- Gary Vaughan Vicars.....Orient
B.S. in Ed. (Pikeville College)
Field of Specialization: Education
- Jane Yem Ying Fong Waldo.....Erie, Pa.
A.B. (Psychology) (Mount Union College)
Field of Specialization: Psychology
- Glynda Marie Walker.....Cranston, R. I.
B.S. (Ed.) (Southern Illinois University)
Field of Specialization: Speech
- Fred Milo Walter.....Geneva
B.Sc. in Edu.
Field of Specialization: Education
- Nancy McInturf Warner.....Newark
B.Sc. in Edu.
Field of Specialization: Education
- Chester Allen Weigle.....Greenwich
B.A. (Grace College)
Field of Specialization: Education
- Evelyn May Wherry.....Cincinnati
B.Sc. in Edu.
Field of Specialization: Art
- Nina Boas White.....Sausalito, Calif.
B.A. (San Francisco State College)
Field of Specialization: Art
- Beverly Hoyt Williges.....Columbus
A.B. (Wittenberg University)
Field of Specialization: Psychology
- Phillip Stanley Wilson.....Dayton
B.Sc. in Edu.
Field of Specialization: Education
- David Michael Winslow.....Gahanna
B.S.Ed. (Indiana State Teachers College, Pennsylvania)
Field of Specialization: Education

- Samuel Bruce Wolfe.....Logan
 B.A. (Otterbein College)
Field of Specialization: Economics
- John Howell Woodburn.....Urbana
 B.S. (Wheaton College)
Field of Specialization: Education
- Dorothy Imhoff Wyse.....Toledo
 B.A. (Goshen College)
Field of Specialization: Music
- Melissa Blair Wyss.....Delaware
 B.Sc. in Edu.
Field of Specialization: Physical Education
- Gary Eugene Young.....Shelby
 B.S. in Educ. (Ashland College)
Field of Specialization: Education

Master of Business Administration

(Twenty-one candidates)

- Timothy Patrick Althaus.....Toledo
 B.A. (Otterbein College)
Field of Specialization: Business Organization
- John Bruce Burrowes.....Dayton
 B.S.Ed. (Miami University)
Field of Specialization: Business Organization
- John Jerome Canning.....Rochester, N. Y.
 A.B. (University of Rochester)
Field of Specialization: Business Organization
- Stephen Renee DuMont.....Medway
 B.E.E.
Field of Specialization: Business Organization
- Leo Franklin Grandon.....Chillicothe
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Elmer Eric Holt.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Business Organization
- Roger Willard Hutt.....Chillicothe
 B.Sc. in Bus. Adm.
Field of Specialization: Business Organization
- Wayne Milton Kaser.....Sidney
 B.M.E.
Field of Specialization: Business Organization
- Robert Boyd Kirklin.....Downey, Calif.
 B.S. (Colorado State University)
Field of Specialization: Business Organization
- Isao Kurita.....Tokyo, Japan
 B.A. (Keio University)
Field of Specialization: Business Organization

- Gary LeRoy Ludwig.....Dayton
B.S. in E.E. (University of Kansas)
Field of Specialization: Business Organization
- Douglas Lloyd Mahrer.....Bridgeville, Pa.
B.S. in E.E. (Lehigh University)
Field of Specialization: Business Organization
- Jay Dale Marsh.....Chicago, Ill.
B.Sc.
Field of Specialization: Business Organization
- William Glenn May.....Marion
B.S. (Bowling Green State University)
Field of Specialization: Business Organization
- Richard Charles McCray.....Columbus
B.M.E.
Field of Specialization: Business Organization
- Thomas Roger Miller.....Eaton
B.A.
Field of Specialization: Business Organization
- William Harold Mott, Jr.....Dayton
B.S. in Bus. (Miami University)
Field of Specialization: Business Organization
- Sidney Gene Nelson.....New Kensington, Pa.
B.S. (Pennsylvania State University)
Field of Specialization: Business Organization
- Suphachai Phisitvanich.....Bangkok, Thailand
B.Sc. B.A., B.Sc.Com. (Thammasat University)
Field of Specialization: Business Organization
- Harold Walter Squire.....Columbus
B.A. (Grinnell College)
Field of Specialization: Business Organization
- Robert Miles Todd.....Columbus
B.S.E.E. (University of Toledo)
Field of Specialization: Business Organization

Master of City Planning

(Three candidates)

- Jerry Lee Angell.....Harrisburg, Pa.
B.A. (Washington and Jefferson College)
Field of Specialization: City and Regional Planning
- Bradford Lowell Pryce.....Schenectady, N. Y.
A.B. (University of Pennsylvania)
Field of Specialization: City and Regional Planning
- Donald Everett Reis.....Huron
B.A. (Michigan State University)
Field of Specialization: City and Regional Planning

Master of Fine Arts*(Six candidates)*

- Susan Kay Denison.....Marion, Ind.
B.S. in Educ. (Ball State Teachers College)
Field of Specialization: Fine Arts (Sculpture)
- Peter Hotchkiss Entorf.....Detroit, Mich.
B.F.A.
Field of Specialization: Fine Arts (Ceramics)
- Helen Beatrice Evans.....Columbus
B.Sc. in Edu.
Field of Specialization: Fine Arts (Sculpture)
- Henry Frederick Klein.....Wanaque, N. J.
A.B. (Oberlin College)
Field of Specialization: Fine Arts (Painting)
- Kevin Scott Krejci.....Lakewood
B.A. (Ohio Wesleyan University)
Field of Specialization: Fine Arts (Painting)
- Marian Vexler Telerski.....Columbus
B.A. (Douglass College)
Field of Specialization: Fine Arts (Ceramics)

Master of Music*(Two candidates)*

- Albert Salvator Caldron.....Youngstown
B.M. (Youngstown University)
Field of Specialization: Music
- Robert Gibson Gerster.....Akron
B.Mus.
Field of Specialization: Music

Master of Science*(One hundred and sixty-five candidates)*

- David Carl Abbott.....New Carlisle
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- Charles Foster Adams.....Medway
A.B. (West Virginia University)
Field of Specialization: Mathematics
- John Alexander Adams, Jr.....Big Timber, Mont.
B.S. (Montana State College)
Field of Specialization: Chemistry
- Fred Leslie Adler.....Cleveland
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Lydia Reyes Alcantara.....Manila, Philippines
B.S.N. (Philippine Christian College)
Field of Specialization: Nursing

- Dennis Murray Anderson.....Columbus
 B.Sc. in Agr.
Field of Specialization: Botany
- Najat Issa Arkan.....Baghdad, Iraq
 B.D.S. (Baghdad University)
Field of Specialization: Dentistry
- Leroy Arthur Babbitt, Jr.....Eastham, Mass.
 B.S. (United States Military Academy)
Field of Specialization: Industrial Engineering
- Gretchen Ruth Batra.....Columbus
 B.S. (Michigan State University)
Field of Specialization: Home Economics
- Carol Jean Beasley.....Fairview, Mass.
 B.S. in Ed. (State College at Framingham, Massachusetts)
Field of Specialization: Home Economics
- Ann Seff Berenstein.....Columbus
 B.Sc.
Field of Specialization: Mathematics
- Thomas Lynn Bibb.....Beckley, W. Va.
 B.S. in Agri. (Virginia Polytechnic Institute) ; D.V.M.
Field of Specialization: Veterinary Medicine
- Jay Walter Bittner.....Painesville
 B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Allan Lloyd Bowers.....Cadiz
 B.A. (West Liberty State College)
Field of Specialization: Zoology
- John Phillip Brailey.....Dayton
 B.S.E. (University of Connecticut)
Field of Specialization: Mathematics
- Gerald Lee Brubaker.....Orrville
 B.Sc.
Field of Specialization: Chemistry
- Richard James Buist.....Arlington Heights, Ill.
 B.Sc.
Field of Specialization: Physics
- Linda McMahon Burke.....Columbus
 B.Sc. in Med. Diet.
Field of Specialization: Preventive Medicine
- Jane Schlechty Byers.....Columbus
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Amanda Martinez Carmona.....Santiago, Chile
Field of Specialization: Dairy Technology

- Richard Glenn Carpenter.....Fredericktown
A.B. (Hiram College)
Field of Specialization: Mathematics
- Dennis Gerald Carroll.....Gaithersburg, Md.
B.S. (Creighton University)
Field of Specialization: Geodetic Science
- Vinod Kumar Chaudhry.....Delhi, India
B.Tech. (Indian Institute of Technology, Kharagpur, India)
Field of Specialization: Electrical Engineering
- Douglas Vincent Chaytor.....St. John's, Newf., Canada
D.D.S. (Dalhousie University)
Field of Specialization: Dentistry
- Nicholas Samuel Checkles.....Columbus
B.S. (University of Toledo) ; M.D. (University of Cincinnati)
Field of Specialization: Physical Medicine
- Ashok Kumar Choudhery.....New Delhi, India
B.Sc. (Dairy Tech.) (Sardar Vallabhbhai Vidyapeeth)
Field of Specialization: Dairy Technology
- Kenner Allen Christensen.....Duluth, Minn.
B.A. (University of Minnesota)
Field of Specialization: Chemistry
- John Wheaton Clark.....Houston, Tex.
B.S. in Geol. (University of Texas)
Field of Specialization: Geodetic Science
- Kathryn Pearce Clausen.....Dayton
B.A., M.D.
Field of Specialization: Pathology
- Karen Dreier Cost.....Port Clinton
B.Sc. in Med. Tech.
Field of Specialization: Pathology
- John Harold Cottrill.....Logan
B.S. (Capital University) ; D.D.S.
Field of Specialization: Dentistry
- Kathleen Elizabeth Cralley.....Cincinnati
A.B. (Grinnell College)
Field of Specialization: Microbiology
- Gary Warren Davis.....Highland
D.V.M.
Field of Specialization: Veterinary Pathology
- Denis Arthur DeLuchi.....Bangor, Me.
A.B. (University of California, Berkeley)
Field of Specialization: Geodetic Science
- Michael Lee Denniston.....Galesburg, Ill.
B.A. (Knox College)
Field of Specialization: Chemistry
- John Edward Desautels.....Burlington, Vt.
B.S. in Math. (University of Vermont)
Field of Specialization: Mathematics

- John Emery Dibert.....Springfield
D.D.S.
Field of Specialization: Dentistry
- Richard Dean Dixon.....Columbus
B.E.E.
Field of Specialization: Electrical Engineering
- Jack LaVerne Dodd.....Columbus
B.A. (State College of Iowa); M.D. (State University of Iowa)
Field of Specialization: Psychiatry
- James Francis Dollison, Jr.....Youngstown
B.S. (Ohio University)
Field of Specialization: Anatomy
- Jenia Dequina Dormitorio.....Iloilo, Philippines
B.Sc.Ch.E. (University of San Agustin)
Field of Specialization: Horticulture
- **Charles Henry Drummond, III.....Maumee
Field of Specialization: Ceramic Engineering
- Arnold Richard DuPont.....Eatontown, N. J.
B.S. (United States Naval Academy)
Field of Specialization: Industrial Engineering
- Guillermo DuQue.....Bogota, Colombia
Ing. (University of Los Andes); B.S. (University of Kansas)
Field of Specialization: Civil Engineering
- Charles Nelson Eastlake, II.....Cincinnati
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Donald Stuart Edgecombe.....Westerville
B.Aero.E.
Field of Specialization: Physics
- Harold Edward Farris, Jr.....Owensville, Mo.
B.S. (Agr.), D.V.M. (University of Missouri)
Field of Specialization: Veterinary Medicine
- Thomas Ritson Ferguson, Jr.....Clarksburg, W. Va.
B.S.Ch.E. (West Virginia University)
Field of Specialization: Metallurgical Engineering
- Chalk Fry.....Columbus
D.D.S.
Field of Specialization: Dentistry
- James Joseph Galiardi.....Riverdale, Ill.
B.S.E.E. (Illinois Institute of Technology)
Field of Specialization: Electrical Engineering
- David Andrew Gansner.....West Chester, Pa.
B.S. in For. (University of Missouri)
Field of Specialization: Agricultural Economics and Rural Sociology
- Walton Richard Garner.....Columbus
B.S. (Capital University); M.D.
Field of Specialization: Preventive Medicine

** Also Bachelor of Ceramic Engineering, and Bachelor of Science in Physics, College of Engineering

- Robert Daniel Giammar.....Cleveland
B.S. (Case Western Reserve University)
Field of Specialization: Mechanical Engineering
- Madhukar Bhaoorao Golhar.....Maharashtra, India
B.Sc., M.Sc. (Nagpur University)
Field of Specialization: Computer and Information Science
- Frederick Richard Good.....Fostoria
B.Sc.
Field of Specialization: Horticulture
- David Ellsworth Greene.....Fairborn
B.S. (United States Naval Academy); M.S.E.E. (Air Force Institute of Technology)
Field of Specialization: Mathematics
- Gayle Kent Grimes.....Greenville
B.Sc. in Agr.
Field of Specialization: Agricultural Education
- David Gregory Haas.....Stow
D.D.S. (Loyola University)
Field of Specialization: Dentistry
- John Eldridge Hall.....Yankeetown, Fla.
M.D. (University of Colorado)
Field of Specialization: Preventive Medicine
- Richard Lee Hamilton.....Hamilton
D.D.S.
Field of Specialization: Dentistry
- Keith Allan Harville.....New Milford
B.S. (Ohio University)
Field of Specialization: Pathology
- George David Hay.....Columbus
B.A.A.E.
Field of Specialization: Aeronautical and Astronautical Engineering
- Charles Henry Heiberg.....Lynnwood, Wash.
B.S. in Math. (Massachusetts Institute of Technology)
Field of Specialization: Mathematics
- James Charles Hickey.....Mt. Prospect, Ill...
B.S. (Capital University); D.D.S. (University of Illinois)
Field of Specialization: Dentistry
- Harold Michael Hill.....St. Paris
B.Sc. in Agr.
Field of Specialization: Horticulture
- George Wyckliffe Hoffer.....Belvedere, S. C.
A.B., M.D. (University of North Carolina)
Field of Specialization: Preventive Medicine
- Barbara Boggs Holcomb.....Richwood
B.S.H.E. (West Virginia University)
Field of Specialization: Home Economics

- Verna LaVerne Holoman.....Ivor, Va.
B.S. (Virginia State College)
Field of Specialization: Zoology
- John Thomas Hopkins.....Jeromesville
B.A.
Field of Specialization: Agricultural Economics and Rural Sociology
- Sue Hsiu-huei Huang.....Taipei, Taiwan, China
B.S. (National Taiwan University)
Field of Specialization: Physiology
- James Armin Huber.....New Albany
B.S. (Capital University)
Field of Specialization: Mathematics
- Vichitr Huchchavanich.....Phang-nga, Thailand
B.Eng. (Chulalongkorn University, Bangkok)
Field of Specialization: Civil Engineering
- Robert Ottinger Jacoby.....Cincinnati
D.V.M. (Cornell University)
Field of Specialization: Veterinary Pathology
- Sharon Irene Jaeger.....Detroit, Mich.
B.S. in Med. Tech. (Michigan College of Mining and Technology)
Field of Specialization: Pathology
- Melvin Douglas Johnson.....Long Beach, Calif.
B.S. (California State College, Long Beach)
Field of Specialization: Electrical Engineering
- Robert Rudolph Jurick.....Fairborn
B.S.M.E. (Carnegie Institute of Technology); M.Edu. (Saint Lawrence University)
Field of Specialization: Mathematics
- William Kahn.....Fort McClellan, Ala.
B.S. (Michigan College of Mining and Technology)
Field of Specialization: Nuclear Engineering
- Guntis Kalnins.....Bucyrus
B.Sc.
Field of Specialization: Mathematics
- Nancy Ann McConkey Kenney.....Malta
B.Sc. in Nurs.
Field of Specialization: Nursing
- Joseph Edward Kinnan.....Miami, Fla.
B.S. (University of Florida)
Field of Specialization: Geodetic Science
- Michael Andrew Klembara.....Lisbon
B.Sc.
Field of Specialization: Mathematics
- Herbert Makoto Kobayashi.....Honolulu, Hawaii
B.A., D.D.S.
Field of Specialization: Dentistry

- Robert Dale Koester.....Columbus
B.S. in Met. E. (University of Missouri)
Field of Specialization: Metallurgical Engineering
- Ahmet Zeki Kutlu.....Istanbul, Turkey
B.S. in Chem.Eng. (University of Tulsa, Oklahoma)
Field of Specialization: Chemical Engineering
- John Harvey Lauterbach.....Haworth, N. J.
B.S. (Worcester Polytechnic Institute)
Field of Specialization: Chemistry
- William Michael Lay.....Parkersburg, W. Va.
B.Sc. in Sci.Engr. (Northwestern University)
Field of Specialization: Computer and Information Science
- Martin George LeBoeuf.....Dayton
B.S. (University of Dayton); D.D.S.
Field of Specialization: Dentistry
- Michael Jay Lehmillier.....North Industry
B.A. (Kent State University)
Field of Specialization: Mathematics
- Swie Pik Liem.....Makassar, Indonesia
Ing. (Bandung Institute of Technology)
Field of Specialization: Civil Engineering
- Ronald Litvak.....University Heights
A.B. (Case Western Reserve University); M.D.
Field of Specialization: Psychiatry
- James David Logan.....Dahlgren, Va.
B.M.E. (Cleveland State University)
Field of Specialization: Engineering Mechanics
- John David Logan.....Kettering
B.Sc.
Field of Specialization: Mathematics
- Kathleen Dempsey Losey.....West Springfield, Mass.
B.S. (Saint Joseph College, Connecticut)
Field of Specialization: Home Economics
- Loren Gilmore Lundquist.....Faribault, Minn.
B.Sc.
Field of Specialization: Physics
- Michael Scott Mabee.....Cleveland
B.Sc.
Field of Specialization: Poultry Science
- Tushar Kanti Maitra.....Bihar, India
B.Sc., B.M. and S. (University of Calcutta)
Field of Specialization: Pathology
- Alfred John Mallette.....West De Pere, Wis.
B.A., B.S. (Saint Norbert College)
Field of Specialization: Industrial Engineering

- Charles Lloyd Martin..... Hilliard
B.S. (Montana State College); D.V.M. (Washington State University)
Field of Specialization: Veterinary Medicine
- Ernest Dean Massie..... Wooster
B.Sc. in Agr.
Field of Specialization: Dairy Science
- Carolyn Lee McDonough..... Emlenton, Pa.
B.Sc. in Nurs.
Field of Specialization: Nursing
- Arthur Anthony Minadeo..... Cleveland
B.Sc.
Field of Specialization: Mathematics
- Ram Mohan..... Patna, Bihar, India
B.V.Sc. and A.H. (Magadh University, India)
Field of Specialization: Poultry Science
- Augustine Uzo Mokwunye..... Asaba, Nigeria
B.Sc. in Agr.
Field of Specialization: Agronomy
- Richard Michael Montesano..... Buffalo, N. Y.
B.S. in Chem. (Saint Louis University)
Field of Specialization: Chemistry
- Barry Elwin Morgan..... Mentor
B.S. (Case Western Reserve University)
Field of Specialization: Mechanical Engineering
- Walter George Moster..... Cincinnati
M.D.
Field of Specialization: Surgery
- Gerald Kurt Mueller..... Urbana, Ill.
B.S. in E.E. (University of Illinois)
Field of Specialization: Electrical Engineering
- John Worthington Myers..... Columbus
B.S., D.D.S. (University of Maryland)
Field of Specialization: Dentistry
- Raymond Wade Najem..... Hubbard
A.B., D.D.S. (Case Western Reserve University)
Field of Specialization: Dentistry
- Boonlers Nakasiri..... Samuthsongkram, Thailand
B.Eng. (Chulalongkorn University)
Field of Specialization: Civil Engineering
- Clinton Louis Noren..... Jefferson, Ill.
B.A. (Southern Illinois University)
Field of Specialization: Geodetic Science
- James Stanley O'Connor..... Fairview Park
B.M.E. (University of Detroit)
Field of Specialization: Aeronautical and Astronautical Engineering

- Eleanor Marks Pao.....Yellow Springs
 B.S. (H.E.) (Cornell University)
Field of Specialization: Home Economics
- Joyce Ann Payne.....Coshocton
 B.Sc. in Agr.
Field of Specialization: Horticulture
- Kerstin De Long Philips.....Englishtown, N. J.
 B.S. (Pennsylvania State University)
Field of Specialization: Chemistry
- John Raymond Phythyon.....Dayton
 B.S. (Wake Forest College)
Field of Specialization: Botany
- Helen Mary Pollock.....Santa Monica, Calif.
 B.A. (University of Wisconsin)
Field of Specialization: Pathology
- Kit Yeong Poon.....Singapore
 B.D.S. (University of Singapore)
Field of Specialization: Dentistry
- *James Edwin Randall.....Uhrichsville
Field of Specialization: Electrical Engineering
- John William Reese.....Greenwood, Wis.
 B.S. (Wisconsin State University, Eau Claire)
Field of Specialization: Entomology
- George William Reinhardt.....Cincinnati
 E.E. (University of Cincinnati)
Field of Specialization: Electrical Engineering
- Adel Smith Riegel.....Canal Winchester
 B.Sc. in H.E.
Field of Specialization: Home Economics
- Thomas Earl Rinderer.....Dubuque, Ia.
 B.S. (Loras College)
Field of Specialization: Zoology and Entomology
- Richard Byram Rivir.....Kettering
 B.S. (Aero.Engr.) (Purdue University)
Field of Specialization: Aeronautical and Astronautical Engineering
- †Robert Emmett Roche, Jr.....Celina
Field of Specialization: Civil Engineering
- Jaime Jesus Rodriguez.....Caracas, Venezuela
 Civil Engin. (Central University of Venezuela, Caracas)
Field of Specialization: Civil Engineering
- George Edgar Ropp.....London
 B.Sc. in Agr.
Field of Specialization: Agricultural Education

* Also Bachelor of Electrical Engineering, College of Engineering

† Also Bachelor of Civil Engineering, College of Engineering

- Richard John Ruhl.....Johnstown, N. Y.
B.A. (State University College, Plattsburgh, New York)
Field of Specialization: Mathematics
- Dennis Joseph Saturnino.....South Euclid
B.S. (John Carroll University)
Field of Specialization: Chemistry
- Helmut Siegfried Schmidt.....Winnipeg, Man., Canada
M.D. (University of Toronto)
Field of Specialization: Psychiatry
- Glenn Nils Smith.....New Hyde Park, N. Y.
B.S. (United States Military Academy)
Field of Specialization: Geodetic Science
- Howard Shadoin Smith.....Columbus
B.M.E.
Field of Specialization: Nuclear Engineering
- John Russell Smith.....Kettering
B.S. (Pennsylvania State University)
Field of Specialization: Mechanical Engineering
- Eliane Van Ty Soley.....Galena
B.A.
Field of Specialization: Mathematics
- Edward Neil Sperry.....College Station, Tex.
B.Sc. in Agr.
Field of Specialization: Horticulture
- Loretta Dittrich Spotila.....Fairview Park
B.S. in Home Ec. (University of Dayton)
Field of Specialization: Home Economics
- Robert Leon Staretz.....Marblehead, Mass.
B.S.E.E. (Tufts University)
Field of Specialization: Electrical Engineering
- Michael Alois Stary.....Hawthorne, Calif.
A.B. (Harvard College)
Field of Specialization: Industrial Engineering
- James Arthur Swenberg.....Saint Paul, Minn.
B.S., D.V.M. (University of Minnesota)
Field of Specialization: Veterinary Pathology
- Thomas Neil Taylor.....Columbus
B.M.E.
Field of Specialization: Mechanical Engineering
- Gayle Morris Tellis.....Kettering
B.S. Math. (Purdue University); B.Sc. in Edu.
Field of Specialization: Mathematics
- Craig Le Roy Thom.....Granville
A.B. (University of California, Santa Barbara); B.S. (Oregon State University)
Field of Specialization: Mechanical Engineering

- Thomas Jay Thomason.....Pittsburgh, Pa.
B.S. (Allegheny College)
Field of Specialization: Geodetic Science
- James Edward Thomasson.....Smithfield
B.A. (Ohio Wesleyan University)
Field of Specialization: Chemistry
- Lucas Titan.....Johannesburg, South Africa
B.Sc. (University of Witwatersrand); B.Com. (University of South Africa)
Field of Specialization: Civil Engineering
- Ronald K. Tompkins.....Mansfield
A.B. (Ohio University); M.D. (Johns Hopkins University)
Field of Specialization: Surgery
- *Louis Stephen Toth.....South Bend, Ind.
Field of Specialization: Electrical Engineering
- Harry Spencer Turner.....Dayton
B.A. (Manchester College); M.D.
Field of Specialization: Preventive Medicine
- James Phillip Veach.....Orlando, Fla.
B.S. (Geol.Engr.) (University of Kansas)
Field of Specialization: Geodetic Science
- Subhash Chandra Vidyarthi.....Lucknow, India
B.M.B.S. (University of Lucknow)
Field of Specialization: Pathology
- Harold Richard VonWyl.....Canton
D.D.S.
Field of Specialization: Physiology
- *Kenneth Andrew Wallace.....Walhonding
Field of Specialization: Electrical Engineering
- Rosemary Casey Wander.....Texarkana, Ark.
B.S. (Centenary College of Louisiana)
Field of Specialization: Chemistry
- Chun-jen Wang.....Kaohsiung, Taiwan, China
B.S. in Engr. (National Taiwan University)
Field of Specialization: Chemical Engineering
- Jerome Burton Westin.....Forest Hills, N. Y.
B.A. (Wesleyan University); M.D. (New York University)
Field of Specialization: Preventive Medicine
- †Robert Henry Westinghouse.....Worthington
Field of Specialization: Industrial Engineering
- Joel Edward White, Jr.....Columbus
B.A. (Ohio Wesleyan University); M.D.
Field of Specialization: Surgery

* Also Bachelor of Electrical Engineering, College of Engineering

† Also Bachelor of Industrial Engineering, College of Engineering

Nathaniel Miller White.....Cumberland, R. I.
A.B. (Earlham College)
Field of Specialization: Astronomy

Richard Michael Wilson.....Gary, Ind.
A.B. (Indiana University)
Field of Specialization: Mathematics

Gloria Rifci Woods.....Worthington
A.B. (University of Miami)
Field of Specialization: Mathematics

Richard Wilbur Worst.....Dayton
B.S. (Denison University); M.D.
Field of Specialization: Psychiatry

John Martin Yacher.....Leetonia
B.Ch.E.
Field of Specialization: Chemical Engineering

Helen Yu-Hua Yin.....Alexandria, Va.
B.S. (American University)
Field of Specialization: Chemistry

Jeffry Allgier Yoder.....West Liberty
B.Sc.
Field of Specialization: Mathematics

Chung Yu.....Hong Kong
B.E. (McGill University)
Field of Specialization: Electrical Engineering

Master of Science in Public Administration (One candidate)

Sanguansri Vardhanaputi Piyanksuwan.....Bangkok, Thailand
B.Com. (Chulalongkorn University)
Field of Specialization: Political Science

Master of Social Work (Fifty-eight candidates)

Martha Huggard Ames.....Worthington
A.B. (Miami University)
Field of Specialization: Social Work

Kathleen Overberg Byrne.....Cincinnati
A.B. (University of Cincinnati)
Field of Specialization: Social Work

Anne Catherine Callahan.....Glen Mills, Pa.
A.B. (Grove City College)
Field of Specialization: Social Work

Marcia Barbara Cherney.....North Bellmore, N. Y.
B.Sc. in Soc.Wel.
Field of Specialization: Social Work

Eleanor Osgood Chessman.....Granville
B.A. (Wellesley College)
Field of Specialization: Social Work

- James Douglas Claggett.....Newark
B.Sc. in Soc.Wel.
Field of Specialization: Social Work
- Vivian Burris Crawford.....Columbus
B.A.
Field of Specialization: Social Work
- Dorothy Leigh Davis.....Wilmington, Del.
B.S. (Wilberforce University)
Field of Specialization: Social Work
- William Edward Del Regno.....Cleveland
A.B. (John Carroll University)
Field of Specialization: Social Work
- Ann Schiewetz Duellman.....Dayton
B.S. (Nurs.) (University of Michigan)
Field of Specialization: Social Work
- Sister Nancy Fahey.....Columbus
B.A. (Rosary Hill College)
Field of Specialization: Social Work
- Rosemary Fergus.....Cincinnati
B.A. (Edgewood College of the Sacred Heart)
Field of Specialization: Social Work
- Patricia Eleanor Gants.....Covington, Ky.
A.B. (Villa Madonna College)
Field of Specialization: Social Work
- Barry Richard Ginsburg.....Brooklyn, N. Y.
B.A. (Harpur College, State University of New York, Binghamton)
Field of Specialization: Social Work
- Dale Irvin Girton.....Bellevue
B.A. (Otterbein College)
Field of Specialization: Social Work
- Randy James Gorcz.....Cleveland
B.A.
Field of Specialization: Social Work
- Nancy Barnes Green.....Franklin
A.B. (Miami University)
Field of Specialization: Social Work
- Carol Joy Holiner Haupt.....Cincinnati
A.B. (Antioch College)
Field of Specialization: Social Work
- John Francis Hemmer.....Newark
A.B. (College of Saint Charles Borromeo)
Field of Specialization: Social Work
- Barbara Ann Hill.....Rome, Ga.
B.S. (Psych.) (Richmond Professional Institute)
Field of Specialization: Social Work

- William Joseph Hogan.....Cincinnati
 A.B. (Villa Madonna College)
Field of Specialization: Social Work
- Pauline Springer Hollander.....Columbus
 A.B. (University of California, Los Angeles)
Field of Specialization: Social Work
- Denise Marie Holmes.....Wichita, Kan.
 B.A. (DePauw University)
Field of Specialization: Social Work
- Caroline Della Morte Hothem.....Columbus
 B.Sc. in H.E.
Field of Specialization: Social Work
- Marcia Kruse Huffman.....Worthington
 A.B. (Hiram College)
Field of Specialization: Social Work
- David Nelson Hughes.....Anchorage, Alas.
 B.S. in Edu. (West Virginia State College)
Field of Specialization: Social Work
- Stephanie Hershberger Hunsinger.....Youngstown
 B.A. (Muskingum College)
Field of Specialization: Social Work
- Ellen Fay Jeret.....Newark, N. J.
 B.A. (Rutgers—The State University)
Field of Specialization: Social Work
- Eleanor Milton Johnson.....Yellow Springs
 A.B. (Mount Holyoke College)
Field of Specialization: Social Work
- Marie Jacobs Jones.....Columbus
 B.A., M.A. (University of Connecticut)
Field of Specialization: Social Work
- Mary Pat Kramer.....Columbus
 B.A. (College of Saint Mary of the Springs)
Field of Specialization: Social Work
- Nancy Measel Kurtz.....Cincinnati
 A.B. (University of Cincinnati)
Field of Specialization: Social Work
- Susan Ross Lehman.....Eaton
 B.A.
Field of Specialization: Social Work
- Laurel Theobald Maglischo.....Fostoria
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Rosetta Johnson Mauldin.....Cincinnati
 B.S. in Educ. (Hampton Institute, Virginia)
Field of Specialization: Social Work
- Dorthadean Moorman.....Akron
 B.F.A. (Washburn University)
Field of Specialization: Social Work

- Jacqueline Hinsley Morrison.....Columbus
 B.Sc.
Field of Specialization: Social Work
- Randal Charles Morrison.....Stow
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Darrell Lee Murphy.....Canton
 B.Sc. in Soc. Wel.
Field of Specialization: Social Work
- Yvonne Pomaville Palmer.....Tuscaloosa, Ala.
 A.B. (Wayne State University)
Field of Specialization: Social Work
- Robert William Proctor.....Columbus
 B.S. (Michigan State University)
Field of Specialization: Social Work
- Pamela Kartsman Raphael.....Temple City, Calif.
 A.B. (University of California, Los Angeles)
Field of Specialization: Social Work
- Daniel Keyes Rees.....Dayton
 A.B. (Ohio University)
Field of Specialization: Social Work
- Marilyn Jo Ann Rifkin.....Cincinnati
 B.A. (Our Lady of Cincinnati College)
Field of Specialization: Social Work
- Merle Ritts Rosenblood.....Hamilton, Ont., Canada
 B.A. (San Fernando Valley State College)
Field of Specialization: Social Work
- Linda Ohmes Schorr.....Columbus
 B.A. (Florida State University)
Field of Specialization: Social Work
- Thelma Sobieski Sens.....Dayton
 A.B. (University of Dayton)
Field of Specialization: Social Work
- Barbara Lynn Shultz.....Baltimore, Md.
 A.B. (Capital University)
Field of Specialization: Social Work
- Robert Keith Snider.....Bethesda, Md.
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Martha Griffin Stearns.....Cincinnati
 B.S. (Florida Agricultural and Mechanical University)
Field of Specialization: Social Work
- Leonard William Streisel.....Columbus
 A.B. (University of Dayton)
Field of Specialization: Social Work

- Wanda Jean Taylor.....Dallas, Tex.
 B.S. (Stephen F. Austin State College)
Field of Specialization: Social Work
- Marguerite Hilton Turnbull.....Worthington
 B.A. (Ohio Wesleyan University)
Field of Specialization: Social Work
- Beverly Lipsett Viemeister.....Yellow Springs
 A.B. (Antioch College)
Field of Specialization: Social Work
- Phyllis Jean Wilson.....Mansfield
 B.Sc. in Soc.Wel.
Field of Specialization: Social Work
- Shirley Mae Winter.....Oregon
 B.A.
Field of Specialization: Social Work
- John Kaino Wisch.....Columbus
 B.A. (Concordia Seminary)
Field of Specialization: Social Work
- Mary Elizabeth Young.....Port Richey, Fla.
 A.B. (Baldwin-Wallace College)
Field of Specialization: Social Work

College of Agriculture and Home Economics

Dean: Roy M. Kottman

Bachelor of Science in Agriculture

(One hundred and fifty-nine)

Richard Warren Addison.....	Marengo
Richard Carl Baer.....	Maumee
Gary Howard Barden.....	Smithville
Gary Joseph Barth.....	Litchfield
Jerry Lynn Beatty.....	DeGraff
John Alexander Bell.....	West Islip, N. Y.
William Howard Bennington.....	Sarasota, Fla.
Donald Lee Bettinger.....	Swanton
Mark Robert Bickel.....	Canal Winchester
Bonnie Harriet Bilton.....	Collins
Glenn Arthur Binnig (with Distinction in Forestry).....	Minerva
William Lee Black.....	New Waterford
Allen Post Bonnell.....	West Vancouver, B. C., Canada
David Michael Boothe.....	Jackson
Franklin Lee Borkosky.....	Arlington
Marion Edward Boutwell.....	Columbus
Robert Coleman Bowers, Jr.....	Wintersville
Lowell Earl Burrier.....	New Philadelphia
Virgil Christy Cameron.....	Defiance
Thomas John Cannava.....	Batavia
Robert Dale Carey.....	New Vienna
Richard Spence Carr (cum laude).....	Hillsboro
Stephen Ward Cavanaugh.....	Tiffin
Bruce Edward Chapman.....	Andover
Owen Gary Cisco.....	Lima
William Chauncey Clark.....	Urbana
Nelson Douglas Coleman.....	Salem
Donna Jeanne Craig.....	Washington C. H.
Harold Frederick Crites.....	Wilmington
Curtis Lee Crocker (with Distinction in Agricultural Economics)...	Wooster
Douglas Barger Davis.....	Frankfort
James Edwin Davis.....	Piqua
Robert Neil Dearth.....	Beverly
Leonard Elmer DeChant.....	Avon
John Withrow Deeter.....	Greenville
Fredrick Lawrence Deist.....	Beverly
Thomas Richard Denk.....	Millersburg
John Underwood Doster.....	Waynesville
Gary North Dugan.....	Perry
Robert Wayne Ellis.....	Wilmington
Terry William Emmons.....	Parma Heights
Arthur Gordon Fenn.....	Hudson
Thomas William Feurer.....	Painesville
Gary John Fichter.....	Parma Heights
Frederick Charles Finney.....	Marshallville
Dennis Cecil Fleming.....	Lima
Richard Arthur Fletcher.....	Hudson
Charles William Foss.....	Oak Harbor
Daniel Henry Fulk.....	Shiloh
Lillian Etta Goemmel.....	Creston

John Gregory Gordon.....	Fairborn
William James Gordon.....	Wellington
Donald Edwin Gray.....	Lisbon
James Andrew Gruss.....	Tiffin
Gary Eugene Gunton.....	Mentor
John Patrick Hackett.....	London
Robert William Hall.....	Akron
Linda Mae Hamrick.....	Columbus
Richard Alan Harris.....	Russell
Jerry Lee Haynam.....	Minerva
Ned Richard Heintz.....	DeGraff
Darryl Justin Hiestand.....	Norwich
Richard Clifton Highman.....	Columbus
Laura Lynne Hottle (with Distinction in Agricultural Education) ..	Hillsboro
Larry Dale Householder.....	Junction City
Jerry Allen Hoxworth.....	Millersburg
William Eugene Hudson.....	Pierpont
John Anthony Ignat.....	Toledo
William Milton Isler.....	Prospect
Paul Clifford Jenny.....	DeGraff
Ronnie June Johnson (with Distinction in Wildlife Management)	
	New Carlisle
Clayton Russell Jones.....	Radnor
David Alan Jones.....	Newark
Larry Dean Jones.....	Convoy
Sarah Irene Jones.....	Shelby
George Eugene Jordan.....	Orient
Ralph Kenton Jordan.....	Fredericktown
Philip Wayne Keener.....	West Salem
Daniel L. Kelley.....	Chillicothe
David Michael Kelly.....	Gahanna
Rodney Maurice Kissell.....	Newark
Lewis Allen Klingler.....	McComb
Roger Orville Kolp.....	Cleveland
Robert Wayne Kreger.....	Toledo
Edward Dale Lafontaine.....	Carey
Dale Anderson Lamont, B.S. (Hiram College).....	Youngstown
Diana Jean Leach.....	Stow
Thomas Leslie Lindsey.....	Mount Sterling
John Walter Logan (with Distinction in Forestry).....	Cleveland
James Paul Loichinger.....	Cincinnati
David Lynn Loveland.....	Chardon
Duane Rome Lucas.....	Somerton
John Kenneth Ludwick.....	Hillsboro
Michael Anthony Mastrangelo.....	Gates Mills
Scott Thomas McClain.....	North Lima
Gordon Lee McDonald.....	Chardon
Douglas Roy Mercer.....	McConnelsville
Jay Dwight Meyers.....	Cleveland
Gary Joel Miller.....	Creston
Phillip Ian Miller.....	Columbus
Robert John Milroy.....	Huntsville
Charles Lee Moore (with Distinction in Agricultural Education) ..	Galloway
Robert Eugene Moore.....	Xenia
Julian Clark Morgan.....	Urbana
Clifford John Murray.....	Cold Spring Harbor, N. Y.

Arthur LeRoy Myers.....	Canton
Thomas William Naegele.....	Cincinnati
James Edmond Niehaus.....	Cincinnati
Rene Elmer Niese.....	Leipsic
Clarence Ray Noecker.....	Ashville
Robert Bryan Nuding.....	Celina
Micheal Dennis Obrecht.....	Jeromesville
Richard Allen Pence.....	Winchester
Charles Edward Plikerd.....	Delphos
Richard Lee Porterfield.....	Marion
Donald Lee Povolny.....	Newbury
Terry Lee Reed.....	Ashville
Thomas Michael Reno.....	Hillsboro
John Henry Rettig.....	McClure
David Allen Rickly.....	Lakeville
Thomas Dean Riedeman.....	Genoa
Robert Alvin Risdon.....	Vermilion
Alan Paul Rosenblum.....	Columbus
James Edward Ryan.....	Delta
Richard Joseph Salisbury.....	Fairport, N. Y.
William Ray Sallee.....	Huntsburg
Gary Norman Schneider.....	Whipple
Richard Warren Schultze.....	East Northport, N. Y.
David Lee Seiss.....	Ashland
Robert Carroll Sheard, Jr.....	Xenia
Kenneth Dean Simeral.....	Adena
Russell Everett Simmonds (summa cum laude and with Distinction in Agricultural Economics).....	Cleves
Michael Jay Simpson.....	Dayton
Lawrence Elliott Smith.....	Columbus
Theodore Albert Smucker.....	Archbold
*Rufus Allen Sparks.....	Warren
Harold Edward Sterwerf.....	Cincinnati
Dedra Ann Stevenson.....	New Kensington, Pa.
Dennis Robert Straits.....	Oregon
Patricia Carol Strausser.....	Ravenna
Edward Michael Studenka.....	Delta
James Louis Szabo.....	Chagrin Falls
Terry Norman Teeple.....	North Jackson
Allen Lee Turnbull.....	Gahanna
Teresa Peter Umana.....	Nigeria, Africa
Allan John VanVlerah.....	Defiance
Donald Richard White.....	Oneida, N. Y.
Marion Douglas White.....	West Union
Michael Herman Whittington.....	Ansonia
James Albert Whyde.....	Zanesville
Thomas Frederick Williams.....	Fredericktown
David Hershey Willits.....	Cincinnati
Thomas Ray Wilson.....	Groveport
Jerry Wayne Witten.....	Lowell
Gary Earl Writsel.....	New Holland
Roland Orrin Yackee.....	Wauseon
Marion Dean Yoder.....	Shreve
Dennis James Young.....	Somerset
Richard E. Zartman.....	Springfield

* Also Doctor of Veterinary Medicine, College of Veterinary Medicine

Bachelor of Science in Dairy Technology*(Four candidates)*

Robert Carroll Allard.....	Doylestown
David Herbert Hill.....	Albion, N. Y.
Eugene Paul McBean.....	Huntsburg
Larry Edward Woodford.....	West Farmington

Bachelor of Science in Food Technology*(Five candidates)*

William John Ansted.....	Elmore
James Emerson Bowser (cum laude and with Distinction in Food Technology)	New Lebanon
Robert Louis Joseph (with Distinction in Food Technology)	Utica
Allan James Kish.....	Bristolville
Barbara Michele Messenger.....	Orrville

School of Home Economics**Bachelor of Science in Home Economics***(Eighty-three candidates)*

Lilli Margaret Adler.....	Shaker Heights
Toni Patricia Albano.....	Buffalo, N. Y.
Sharon Kay Bailey (summa cum laude)	Barnesville
Helen Lamson Barber.....	Pennington, N. J.
Barbara Jean Becker.....	Beach City
Carol Hanley Berridge.....	Marion
Carol Jean Boyd.....	Stoutsville
Bonney Jane Burns.....	Newton Highlands, Mass.
Nellie Jane Cleeves.....	Durham, N. C.
Linda Cook Cronkleton.....	Columbus
Rosemary Patricia Crozier.....	Fort Lee, N. J.
Karen Lee Deffinger.....	Marengo
Karen Jean Derickson.....	Columbus
Maureen Carol Derringer.....	New Lebanon
Connie Edith Dial.....	Mt. Vernon
Linda Kay Drescher.....	Lima
Claire Ellen Driscoll.....	Dublin
Sarel Duberstein.....	Dayton
Lynda Kay Dunlap.....	DeGraff
Joanne Elizabeth Eisenhooth.....	Wilkes-Barre, Pa.
Sandra Lee Ellenwood.....	Columbus
Susan Manifold Eller.....	Reynoldsburg
Cynthia Susan Erfurt.....	Columbus
Anne Elizabeth Fisher.....	Springfield
Harriet Huber Furlow.....	Fulton, N. Y.
Nancy Jane Gordon.....	Bolivar
Susan Beth Hirschbein.....	Lido Beach, N. Y.
Judith Ann Hoelscher.....	New Knoxville
Penelope Mae Hook.....	Cincinnati
Kay Vivian Hostetler.....	Mentor
Nancy Joan Hudak.....	Painesville
Patricia Anne Humphreys.....	Lima
Alma Kay Huntsman.....	Martins Ferry
Katharine Ingalls.....	Columbus
Margaret Pumphrey Jacobs.....	Painesville
Suzanne Laura Jacobs.....	West Long Branch, N. J.
Karen Gulcher Jones.....	Columbus
Nancy Jo Kackley.....	Columbus
Marjorie Ann Kentner.....	Cleveland

Kay Ann Keske.....	Cleveland
Karen Deanne King.....	Dresden
Nancy Kay Knox.....	Gahanna
Kay Annette Kohler (cum laude).....	Canal Winchester
Nancy Jane Koppenhafer.....	Bowling Green
Angeline Koracin.....	Bremen
Carol Jean Lee.....	Kettering
Janeray Irene Mackey (cum laude).....	New Martinsville, W. Va.
Cedora Hahn Magnuson.....	Lancaster
Marilyn Ann Mansperger.....	Euclid
Carolyn Jean Marquis.....	Amesville
Carolyn Louise Maxson.....	New Carlisle
Wilma Smelser McKeehen.....	Groveport
Ardis Martin Medley.....	Columbus
Ingrid Maria Melkerson (cum laude).....	Orrville
Peggy Lou Metzler.....	Greenville, Pa.
Tamara Lee Millet.....	Troy
Mary Kathryn Neeld.....	Springfield
Janice Marie Orehek (cum laude and with Distinction in Home Economics).....	Euclid
Mary Josephine O'Reilly.....	Columbus
Dorla Basinger Oren.....	Pandora
Judith Ann Orr.....	Orrville
Mary Lou Philpott.....	Lima
Barbara Sue Pierpoint.....	Gahanna
Jane Krall Potts.....	Kirtland
Sue Ellen Reed.....	Louisville, Ky.
Sarah Jo Reichert.....	Wooster
Judith Lynne Reisman.....	Warren
Marjorie Fry Rennie.....	Columbus
Linda Kay Roe.....	Monroeville
Sheryl Ann Romohr (cum laude).....	Columbus
Linda Susan Ruck (cum laude).....	Pittsburgh, Pa.
Susan Bernice Sawicki.....	Cleveland
Mary Anne Sheets.....	Delaware
Catherine Dianne Sherck.....	Republic
Susan Jane Stone.....	Brecksville
Mary Jane Stoll Swank.....	Marshallville
Gail Ann Swartzlander.....	Gibsonburg
Joyce Thompson.....	West Milton
Janet Lee Trytek.....	Parma
Julie Ann Vavrik (cum laude and with Distinction in Home Economics) Luckey.....	Luckey
Joan Elaine Walters.....	Beallsville
Nancy Jean Wistar.....	Massena, N. Y.
Alberta Louise Wolf (summa cum laude).....	Columbus
Bachelor of Science in Restaurant Management (Three candidates)	
Gary Lynn Bates.....	Cincinnati
Scott Hamilton Doughty.....	Plainfield, N. J.
Connie Lou Manfull.....	Augusta

College of Arts and Sciences

Acting Dean: Robert A. Oetjen

Bachelor of Arts

(Four hundred and thirty-four candidates)

Richard David Abrash.....	Freeport, N. Y.
Thomas Gregory Adams.....	Fairport Harbor
Nancy Lea Aitel.....	Andover, Mass.
Ronald Edward Alexander.....	Urbana
Charles Lee Anderson.....	New Carlisle
Paul Eugene Ankrom, Jr.....	Dayton
Barbara Ruth Aronoff.....	Baltimore, Md.
Alan Joseph Azzara.....	Hempstead, N. Y.
John Edson Bailey, III (cum laude).....	Washington C. H.
Ronald Merrill Baker.....	Englewood Cliffs, N. J.
Arthur S. Barsky.....	Washington, D. C.
Ronald Elliot Bass.....	Arlington, Va.
Joseph Bauer.....	Shaker Heights
Joan Louise Baynes.....	Cleveland Heights
John Christopher Beatty.....	Columbus
Albert Eugene Becker, Jr.....	Dayton
Barry Lynn Beer.....	Mansfield
John Frederick Bender.....	Bucyrus
† Mary Johnson Benkert (cum laude).....	Piqua
Donna Joan Berg.....	Lorain
Terry Arthur Bethel.....	Chillicothe
James Sumner Bidlake.....	Columbus
Rodney Edwin Bird.....	Dover
James Allen Blackman.....	Wakeman
Richard Paul Blume.....	Fort Lauderdale, Fla.
Daniel Ralph Bobb.....	Wapakoneta
Earl Lawrence Bohachek, III.....	Kettering
Robert William Boker.....	Meadville, Pa.
* Alexander Joseph Bolla, Jr.....	Rocky River
Charles Wesley Boyce, Jr.....	Shelby
Alan Bruce Boyd (cum laude).....	Akron
Beverly Ann Braun.....	Dayton
Steven Ernest Breyfogle.....	Massillon
James Marion Broadstone.....	Dayton
Charles Ellsworth Brooks.....	Port Clinton
Robert Allen Brooks.....	Carmel, Calif.
David Noel Brown (cum laude).....	Parma Heights
Kerry Margaret Brown.....	Columbus
* Linda Rose Brown.....	Rocky River
Susan Ellen Brown (summa cum laude and with Distinction in History)	Columbus
Bernette Love Bullock.....	Cincinnati
Aaron Harley Bulloff.....	Columbus
Ray Quincy Bumgarner.....	Dayton
Kenneth Barry Bundy.....	Toronto
Doris Elaine Byrd (cum laude).....	Bellefontaine
Thomas Terry Call.....	Columbus

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

* Also Bachelor of Science in Education, College of Education

Helen Hageman Campbell.....	Arlington, Va.
Betty Lee Caplan.....	Charleston, W. Va.
Samuel Michael Capparell.....	Windham
Raymond Edward Cestar.....	New Haven, Conn.
Caroline Chalfant (cum laude and with Distinction in Psychology)	Steuenville
Clarissa Ethel Chauby.....	Euclid
Eddie Arnold Chesley.....	Roseville
Charles Edwin Chittenden (cum laude).....	Columbus
James Michael Chubb.....	Columbus
Mark Ira Cinnamon.....	Bergenfield, N. J.
†Nancy Gibson Clayton.....	Kettering
Robert Bruce Clayton.....	Eaton
Carolyn Ann Clemens (with Distinction in Slavic Languages and Literature).....	Maple Heights
Laurie Durbin Clement.....	Columbus
William Robert Cobourn.....	Toledo
Jack Edward Cogan.....	Canton
David Nathan Cohen (with Distinction in History).....	Columbus
Robert Edward Cohen.....	Miami Beach, Fla.
Dean Frederick Cole.....	Cleveland
Don Edward Collins.....	Troy
†Phyllis Sue Collins.....	Cincinnati
Howard Gene Compton.....	Blacklick
Richard Thomas Conlon.....	Cincinnati
†Connie Lee Cook.....	Woodsfield
Marcene Alice Cook.....	Lima
James Francis Corbi.....	Hamden, Conn.
John Ranney Covert.....	Cleveland
John David Crabill.....	Tiffin
Kenneth Mark Craig (cum laude).....	Columbus
Kenneth Lee Cromer.....	Cleveland
†Carol Lynn Cummins.....	Piqua
Timothy Robert Cutcher.....	Vermilion
Joseph Cybulsky.....	Youngstown
Richard Arden Dally.....	Cuyahoga Falls
Sarah Holden Dana.....	Painesville
Kent Ross Daniels.....	Cincinnati
Gary Robert Danner.....	Dayton
David Harrison Davies.....	Kirtland
John Alan Day.....	Bay Village
Diana Lee DeStefano.....	Groveport
Phillip Bruce Detwiler.....	Marysville
Paul George Diener.....	Lexington
Robert Allen Dierker.....	Dayton
Kathleen Elizabeth Dillon.....	Binghamton, N. Y.
Thomas John Disantis.....	Cleveland Heights
Jennifer Lea Disney.....	Cincinnati
George Jack Donson, Jr. (summa cum laude).....	Kettering
James Edward Doyle.....	Cleveland
Richard Martin Dragonette.....	Warwick, N. Y.
Terrence Ray Dugan.....	Toledo
Thomas Arthur Ehorn.....	Canal Winchester
Jerry Alan Emerick.....	Columbus
Barbara Roly English.....	Chagrin Falls

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Kerry Thomas Evans.....	West Alexandria
Cynthia Bunn Fair.....	Wooster
*Janice Louise Farra.....	Dayton
William Joseph Fazio.....	Rome, N. Y.
Leonard Frank Fendell.....	Columbus
David Allen Filtz.....	Martins Ferry
Donald Jefferson Fisher, Jr.....	Columbus
Sharon Forsythe.....	Granville
Rita Jean Fox.....	Dayton
Andra Ellen Freedus.....	Mt. Vernon, N. Y.
Diane Sue Frobose.....	Pemberville
Penelope Ann Gardner.....	Charleston, S. C.
Lanetta Scott Gary.....	Tulsa, Okla.
Glenn Barry Gastwirth.....	West Hempstead, N. Y.
Noreen Marie Gavin.....	Cleveland
Steven Edward Geiger.....	Millersport
Nathan David Geisler.....	Toledo
Barbara Ann Geistweit (with Distinction in Anthropology)	Williamsport, Pa.
Richard Brian Gelman.....	Dayton
Nancy Jane Gilbert.....	Berea
William Hunter Gill.....	Coshocton
John William Glendon.....	Cuyahoga Falls
Jeanne Louise Glynn.....	Buffalo, N. Y.
Richard Dennis Goldberg.....	Youngstown
Steven Robert Goldberg.....	Manhasset, N. Y.
Kenneth Mark Goldstein.....	New York, N. Y.
Gary Brian Goodman.....	Upper Sandusky
Jacob Knight Goodman (cum laude).....	Middletown
Mira Gordon.....	South Euclid
Debbi Arlene Goss.....	Newark, N. J.
Neil Francis Grabenstetter (summa cum laude and with Distinction in French.....	Valley City
William Henry Graham.....	Union, N. J.
Ronald Harvey Greenblatt.....	University Heights
Kenneth Attilio Guerra.....	Sandusky
Jerald Eugene Haas.....	Columbus
Ronald Lawrence Hainen (summa cum laude).....	Fostoria
Anne Ruth Hale.....	Columbus
Marjorie Ann Hall.....	Alliance
Karen Elaine Hamilton.....	Springfield
John Herm Hanna.....	Napoleon
Robert Baldwin Harris.....	Chillicothe
Steven Allen Harsh.....	Dayton
Marticia Jo Hartsock.....	Westerville
Beverly Doty Hauschildt.....	Lynchburg
Robert James Haverkamp.....	Enon
Cheryl Ann Hayden.....	Columbus
Jo Ann Gatton Heck.....	Columbus
Stephen Louis Heise.....	Troy
Jane Bell Henning.....	Shelby
Ralph Howard Herolzer (cum laude).....	Dayton
Roger Dennis Herron.....	Kettering
Gaius Bliss Hershey.....	Troy
Michael Alex Heyman.....	Lakewood, N. J.

* Also Bachelor of Science in Education, College of Education

John Warren Hilbert, II.....	Columbus
Robert John Hill.....	Fairport Harbor
Sue Elizabeth Hill (cum laude and with Distinction in Sociology)...	Marion
Ruth Margaret Hirt.....	Strongsville
Ruth Hockman.....	University Heights
Gene Richard Hoellrich.....	Sidney
Raymond William Hohenberger (summa cum laude).....	Warren
Judy Lynn Holden.....	Urbana
*Elaine Marie Hovanic.....	Salem
David Kingsley Hoyt.....	Annandale, Va.
Larry Marc Hudson.....	Coshocton
Michael Doyle Huelsman.....	Worthington
William Alan Hull.....	Springfield
Charles Eugene Hunter.....	New Holland
Steven Samuel Hurwitz.....	Sandusky
Harold Andrew Imhoff.....	Columbus
Lubomyra Anna Ivanycky.....	Akron
Reginald Sherman Jackson, Jr.....	Toledo
Lenore Fay Jacobs.....	Youngstown
Richard Catliff Jameson.....	Wooster
William Harry Janes.....	Gallipolis
Kenneth David Jarrell.....	Portsmouth
Carolyn Lois Jeffers (cum laude and with Distinction in Sociology)	Fairport, N.Y.
John David Johnson.....	Columbus
Robert Wilson Johnson.....	Columbus
Samuel Ford Johnston.....	Middletown
Mary Susan Jones.....	East Cleveland
Nita Denise Jones.....	Fairborn
Richard Allan Jones.....	New Carlisle
Marjorie Rose Joyce.....	Cuyahoga Falls
Richard Mark Kagan.....	Hewlett, N. Y.
Sachiyo Kakehashi.....	Yellow Springs
Ieva Astrida Kalnins.....	Canal Winchester
Kathe Bridges Karalius.....	Chagrin Falls
Simon Barry Karas.....	Lorain
Joseph Richard Karson.....	Beachwood
Arthur Carl Kaseman, III (cum laude and with Distinction in Political Science).....	Newark
Sheldon Philip Katz.....	Cleveland
John Louis Keifer (cum laude).....	Warren
Martin Joseph Kelly.....	Delaware
Michael Alan Kemper.....	Kettering
Deborah Ann Kiernan.....	Wareham, Mass.
Clayton Douglas King.....	Warren
James Clair Kirchhofer (cum laude).....	Worthington
James Wilson Kirsch.....	Portsmouth
Richard Alan Klein.....	University Heights
Michael Kleski.....	Columbus
Robert Anthony Knight.....	Cincinnati
Karen Lynn Knox.....	Lombard, Ill.
George Alfred Kohler.....	Lyndhurst
Nicholas William Kontras (with Distinction in Political Science) ..	Columbus
Richard Stephen Krajcik.....	Lakewood
David Gene Kraus.....	Medina

* Also Bachelor of Science in Education, College of Education

Terrence Keith Kreachbaum.....	Columbus
James Nicholas Kreider.....	Fort Recovery
Jack Kurant.....	Youngstown
Chalmer Eugene Labig, Jr.....	Greenville
Nicholas Eugene Lammers (with Distinction in History).....	Leipsic
Fred Arnold Lampel.....	Cleveland
Werner Jurgen Lange (cum laude and with Distinction in Sociology)	Youngstown
Richard Alan Laube.....	Rocky River
David Paul Laughlin.....	Columbus
John Richard Lawrence.....	Fairborn
Patricia Leigh.....	Cincinnati
Susan Jean Leonard.....	Tully, N. Y.
Linda Suzanne Lerner.....	North Olmsted
†Jacquelyn LeVine.....	Toledo
Stephen Lewis.....	Dayton
Henry Lian-Aran.....	Baram, Sarawak, Malaysia
David Hughes Liddle.....	Warren
Anthony Joseph Liguore.....	Akron
Lawrence Robert Liguore.....	Akron
Theodore Martin Lindner.....	Cincinnati
*Connie Ann Link.....	Mt. Vernon
Denver Richard Lough.....	Warren
Miriam Bonnie Low.....	Birmingham, Ala.
Mark Marion Lutz.....	Minerva
Gayle Elaine Macher.....	Vandalia
Randall Alan Malloy, Jr.....	Canton
Colista Stafford Malone.....	Ashland
William Arthur Manton.....	Columbus
Dorothy Markiewicz (cum laude).....	Shaker Heights
†Sally Jeanne Marko (cum laude).....	Toledo
Helen Louette Marshman.....	Harrisonburg, Va.
Michael Erwin Maus.....	Mentor
Mary Celeste Mayhall.....	Springfield
Penelope Lee Maza.....	Toledo
Charles Thomas McCarter.....	Columbus
James Rodgers McCreary, Jr.....	Westlake
Edward Charles McDonough.....	Cincinnati
Carol Ann McGhee (cum laude).....	Columbus
Daniel Patrick McGinnis.....	Columbus
Mary Margaret McLean.....	Columbus
Robert Aquinas McNally, Jr. (summa cum laude and with Distinction in International Studies).....	Grand Rapids, Mich.
Timothy Michael Meehan.....	Columbus
Gregory Thomas Merritt.....	Toledo
Paul Charles Metzger.....	Parma Heights
Carol Louise Mickelsen.....	Clifton, N. J.
Carol Patricia Milam.....	Towson, Md.
Barbara Ellen Miller.....	Charleston, W. Va.
Marilyn Miller (cum laude).....	Allentown, Pa.
Patricia Ann Miller.....	Bellaire
Randee Lynne Miller.....	St. Louis Park, Minn.
Robert Cromwell Miller, Jr.....	Belvidere, N. J.
Sarah Louise Miller.....	Wooster
†Susan Ethel Miller.....	Columbus

* Also Bachelor of Science in Education, College of Education

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

†Marianne Leoni Mollenkamp.....	Rayland
Margaret Ann Morrison.....	Findlay
Michael David Moser.....	Columbus
Carl Nicholas Moyer.....	Lancaster
Michael James Muldoon.....	Niagara Falls, N. Y.
James Harold Mullen.....	Oakwood
Tom Henry Nagel (cum laude).....	Cincinnati
Sharon Louise Neal.....	Dayton
Kenneth Wallace Neidenthal.....	Columbus
James Mackin Nesbit.....	Huron
Claudia Margaret Neumann.....	Jamaica, N. Y.
Michael Joe Newell.....	Columbus
Robert Charles Newton.....	Dover
Rebecca Sue Nolt.....	Wooster
Catherine Anne O'Brien.....	Mansfield
Patricia Michele O'Brien.....	Westerville
Patrick James O'Brien.....	Dublin
Mary Yoakam Ogi, B.Sc. in Edu.....	Mt. Vernon
Eugene Arthur Olsen.....	Germanatown
Jo Marie Ometer.....	Shelby
Howard Roy Ornstein.....	Cleveland Heights
John Paul Pally.....	Columbus
Penelope Caroline Palmer.....	Washington C. H.
Stephanie Esther Pappas.....	Akron
Barbara Levin Parker.....	Cleveland Heights
Robert Thomas Payne.....	Columbus
James Tydings Pierce.....	Bethesda, Md.
Julius John Pierman.....	Cleveland
Daniel A. Piloseno, Jr.....	Worthington
Anthony James Pirrone.....	Garfield Heights
Ann Lynn Pollak.....	Cincinnati
Hinda Sue Pozner.....	North Bergen, N. J.
Jeffrey Michael Price (cum laude).....	Lorain
Joyce Ellen Price.....	Huntington, W. Va.
Kathleen Diane Prouty.....	East Cleveland
Marjorie Lee Pryse.....	Cincinnati
Joyce Masouda Raby.....	Allentown, Pa.
*Robert Joseph Ragosin (cum laude).....	Youngstown
Gary William Ralles.....	Canton
Mary Margaret Ralstin.....	Otway
Michael Pendleton Rank.....	Lima
Richard Alfred Ransom.....	Canton
Pamela Rapp.....	East Meadow, N. Y.
Kenneth Ralph Reynolds.....	Parma
Carol Anne Rhoades.....	Piqua
Laura Prindle Rice (cum laude).....	Hudson
Robert Nelson Rice.....	North Canton
Stevan Bishop Richards.....	Annandale, Va.
†Barbara Gene Roach.....	Columbus
Gregory Allen Robe.....	Delaware
Mark Sandberg Rogers.....	Columbus
Margaret Ross Rohrer.....	East Liverpool
Ole Bjorn Rongen.....	Drobak, Norway
Sharon Gail Rubin.....	Shaker Heights
Suzanne Margaret Rubino.....	Buffalo, N. Y.

* Also Doctor of Medicine, College of Medicine

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

James Merritt Ruckman.....	Kettering
Barbara May Rugh.....	Oklahoma City, Okla.
Rebecca Lee Ruhl.....	Covington
Arthur Lee Scott Rupert.....	Bellefontaine
Rupert Earl Ruppert.....	Franklin
Linda Kay Russell (cum laude).....	Kettering
Selga Ligita Sakss.....	East Cleveland
Alexander Claude Sample, III.....	Houston, Tex.
Douglas Edward Sand.....	Lakewood
Margaret Anne Satterfield.....	West Union
Alonzo Douglas Saunders.....	Cincinnati
Theodore Henry Schade.....	Girard
Theodore Wayne Schaffner (cum laude and with Distinction in History)	Columbus
Jacobus Maria Scheeres.....	Hamilton
Philip Michael Schieber.....	Galion
Katharine Marie Schlee.....	Castalia
Russell Louis Schreiber.....	Edison, N. J.
Ann Schroeder.....	Wauseon
Paul Richard Schueneman.....	Cincinnati
Jerome Joseph Schultz.....	Dayton
Adam Schwartz.....	Patchogue, N. Y.
†Ellen Schwartz.....	Baltimore, Md.
James Lee Schwartz.....	Columbus
Bernard Harvey Scott.....	Lyndhurst
Harriet Alva Scruggs.....	Buffalo, N. Y.
Stephen Henry Seall.....	Xenia
Edward Lorentz Sebring.....	Columbus
Linda Louise Secrest.....	Columbus
Donald Clayton Seelman.....	Columbus
Elizabeth Savage Selden.....	Avon, Conn.
Lorraine Daoust Semple (cum laude).....	Toronto, Ont., Canada
Rita Diann Shaw (cum laude).....	Columbus
Richard Carter Shepherd.....	Columbus
Thomas Joel Sherer.....	Bellbrook
Carol Ann Sheriff.....	Ashland
Vivian Helene Sholder.....	Jericho, N. Y.
Ricki Lynne Short (cum laude).....	Anna
Patrick Allen Shumaker (with Distinction in Sociology)....	North Robinson
Peggy Mae Siegel (cum laude).....	Cleveland
Robert Thomas Silverberg.....	Conneaut
Paula Mae Silverman.....	Toledo
Richard Alan Simon.....	Cleveland Heights
Herbert Spencer Slater.....	Wooster
Zygmunt Gregory Slominski.....	Shaker Heights
Carolyn Sue Smith.....	Kettering
Donna Jean Smith.....	Hinckley
Edward Allen Smith, Jr.....	Osprey, Fla.
†Elaine Marilyn Smith.....	Cincinnati
Patricia Lee Smith.....	Hinckley
Randall Eric Smith.....	Terrace Park
William Eugene Smith.....	Worthington
Michael Warren Solodar (cum laude).....	Hunter, N. Y.
Robert Thomas Soppelsa.....	Parma Heights
Daniel Robert Spaeth.....	Cincinnati
Gerald Mark Spector (cum laude).....	Youngstown

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Ellen Louise Spence.....	Blanchester
Lee Paul Sperling.....	University Heights
Lynne Narelle Springer (summa cum laude).....	Columbus
John Wilson Sproat, Jr.....	Columbus
Charles Ainslie Starratt, Jr.....	Marietta, Ga.
Terrence Joseph Steel.....	Akron
Charles Lloyd Stein.....	Cuyahoga Falls
Kenneth Carl Stein.....	Toledo
Barbara Anne Stertz.....	Manhasset, N. Y.
*Sue Ellen Stocker.....	Mansfield
Douglas Dandridge Stoup.....	Camp Hill, Pa.
Robert Niles Stroh.....	St. Marys
Harry Shiel Sudman.....	Cincinnati
Bohdan Askold Suszko.....	Parma
William Preston Sweitzer, Jr.....	Cleveland
Rodney Barnett Teague.....	Dayton
Richard George Terapak.....	Columbus
†Jean Louise Thillberg.....	Poland
*Arleen Ann Thomas.....	Williamsport
Maureen Cecilia Thompson.....	Youngstown
Paul Reginald Thompson.....	Columbus
Terry Jay Thompson.....	Marion
Edward Allen Tiefenthaler.....	Delaware
Philip Eugene Titus.....	Bellefontaine
Wayne Ian Tover.....	Flushing, N. Y.
Thomas Walter Trinter.....	Columbus
Wolfgang Troeltzsch.....	Philadelphia, Pa.
*Dorothea Miller Tyree.....	Philadelphia, Pa.
Keith Welton Vandegrift.....	Cuyahoga Falls
Ross Paul VanLerberghe.....	Wakeman
James Robert Van Sickle.....	Midland, Mich.
Michael Joseph Velotta.....	Columbus
Robert Anthony Vertocnik.....	Cleveland
Eugene Talmadge Vickers.....	Chillicothe
Edward George VonderEmbe.....	Mansfield
William Owen Walker, III.....	Columbus
Judy Kay Wallace.....	Carrollton
Garry Lee Walters.....	Columbus
Raymond George Wanamaker.....	Petoskey, Mich.
Marcia Mazziotti Ward.....	Toledo
Paul A. Wasserman.....	South Euclid
George Lawrence Wear.....	Portsmouth
Judith Kay Weiss.....	Lancaster
Mark Albert Welge.....	Huntington, N. Y.
Werner Adolf Wellmann.....	Ashtabula
Charles Isadore Wexler.....	Toledo
John N. Whapham.....	Ashtabula
*Sandra Jeanne White.....	Columbus
Craig Marion Wiester.....	Mt. Vernon
Robert Bliss Willoughby.....	Grundy Center, Ia.
David Allan Wilson.....	Spring Valley
Judy Ann Winkler.....	Paterson, N. J.
Julie Anne Witt.....	Columbus, Ga.
Richard Henry Wojcik.....	Parma Heights

* Also Bachelor of Science in Education, College of Education

† Also Certificate of Graduate Dental Hygienist, College of Dentistry

Barry Miles Wolk.....	Silver Spring, Md.
Peter Culross Wood.....	Blacklick
Michael Jay Work.....	Pleasant Hill
John Robert Workman.....	Columbus
Mary Ellen Wynn.....	Cuyahoga Falls
Frank George Zauner.....	Worthington
Gail Joy Zeigler.....	Youngstown
Paul George Zeigler, II (cum laude and with Distinction in History)	Youngstown
John Marc Scher Zeller.....	Washington, D. C.
Joan Paula Zenker.....	Englewood, N. J.
Carla Louise Zimmerman (summa cum laude).....	Oberlin
William Craig Zimpher.....	Piqua

Bachelor of Science

(One hundred and forty-five candidates)

Michael Dean Acheson.....	Lakeview
Ann Alcock.....	Ashland
Michael Paul Allerdine.....	Mt. Vernon
Thomas Dale Atteberry.....	Heath
Ronald Joseph Baird.....	Kettering
Jerome Joseph Bartosik.....	Warren
Emil Woodrow Baxstrom, II.....	Wooster
Bruce Keenan Bell.....	Columbus
Patrick Edmond Biliter.....	Columbus
David John Blower (cum laude and with Distinction in Psychology)	Grove City
Sharon Louise Bohinc.....	Cleveland
Lawrence Wade Bond.....	Akron
Allen Perry Brand.....	Austinburg
Darrell Lawrence Brautigam.....	Sidney
Diana McLain Brechbuhler.....	Delaware
Reesa Helene Brotkin.....	Piqua
Frederick David Brown (with Distinction in Psychology).....	Columbus
William Francis Browne.....	Columbus
Anna Marie Bruzzese.....	Steubenville
Stephen Nichols CaJacob.....	Lima
Albert James Calabrese.....	Akron
John Robert Cameron.....	Walton Hills
Janet Gail Cayce.....	Virginia Beach, Va.
John West Cook.....	Newark
Raymond Taggart Crossland.....	East Palestine
Robert Humbert DaPrato.....	Celina
Barbara Ellen Demming (summa cum laude and with Distinction in Psychology).....	University Heights
Ibrahima Popodora Diallo.....	Labe, Republic of Guinea, Africa
Elinor Charlotte Dodge.....	Richmond Heights
Harold Roger Drewes (summa cum laude and with Distinction in Chemistry).....	Cincinnati
Carol Sue Duckwald.....	San Jose, Calif.
Daniel Mark Dunson (summa cum laude).....	Columbus
Claude Wesley Eggleton.....	Amlin
David Michael Eibling.....	Columbus
Carl Robert Evans (summa cum laude).....	Columbus
Peggy Lou Eyerly.....	Mansfield

John William Fisher.....	Akron
Eric Harlen Ford.....	Columbus
Ward Vincent Foster, Jr.....	Dublin
Frank Hartley Fowler.....	Madison
Holly Melynda Frey.....	Worthington
George Constantine Gatsos.....	North Olmsted
Alan James Geiger.....	Cortland
Thomas John Glivar.....	Cleveland
Leslie Francis Goins, Jr.....	Dayton
William Allan Gordon.....	Columbus
Earl Eugene Gottsman.....	Carrollton
John Gilbert Gross.....	Pataskala
Norman William Gutmacher.....	Lyndhurst
Mohamed H. M. Habib.....	Medina, Saudi Arabia
Ronald Eugene Haines.....	Washington C. H.
Michael Edward Hamilton.....	Mansfield
Douglas M. Haney.....	Sidney
Edward Freeman Hann, Jr.....	Columbus
James Robert Hanna.....	Parma
Constance Christina Hetzler.....	Franklin
William Keith Holcomb.....	Zanesville
Jan Bethel Hollett.....	Lorain
John Randall Hott.....	Columbus
Jon Rickey Hurd.....	Columbus
Douglas Arthur Hurst.....	Columbus
Susan Kay Huston.....	Cleveland
Paul David Jenkins, Jr.....	Massillon
Cheryl Ann Johnson.....	Columbus
Kenneth Lee Johnson.....	Akron
James Arthur Jones.....	Columbus
John Richard Josephson.....	Cleveland Heights
Victoria Anne Juvrud.....	Poland
Jack Bruce Kashdin.....	Elmont, N. Y.
John William Keller.....	Wilmington, Del.
John Bennett Kizer.....	Portsmouth
Marianne Kocher.....	Dayton
Dale Francis Koons.....	Eaton
Peter James Kovi.....	Parma
Michael Roman Kowalysko.....	Cleveland
Edward Henry Lang, III.....	Columbus
Ronald Howard Leonard.....	Columbus
George Victor Lepes.....	Chagrin Falls
Lawrence Alan Levine.....	Wooster
Steven Ellis Lipson.....	Baldwin, N. Y.
Sharma Sarah Livingston.....	Sunbury
James Peter Lockard.....	Eastlake
George Allen Lutz.....	Columbus
Louise Ma.....	Middletown
Richard Alan Markell.....	Cleveland
Jeffrey Dale McDaniel (cum laude).....	Columbus
Douglas Keith McNeill.....	Bellefontaine
Douglas Craig Meredith.....	Piqua
David Allyn Miller.....	Conneaut
Rebecca Ann Miller.....	Columbus
Wayne Patrick Mogan, Jr.....	Columbus
Toby Cheryl Moidel (cum laude).....	East Liverpool

Charles Edward Morton (cum laude)	Medina
Constance Jean Murray	Warren
Edwin Walter Myers	Columbus
James Joseph Napoli (cum laude)	Chicago, Ill.
Jeannie Charles Newman	Reynoldsburg
Vaughn Evans Noe	Elyria
Carl Francis Noll	North Ridgeville
Lyman Claire Norden	Napoleon
Gary James Pace	Akron
Loren Cecil Penick	New Philadelphia
Cynthia Ann Pound	Newark
David Ralph Prasuhn	Ansonia
Bonnie Jean Ranck	Marion
Thomas Leech Randles	Coshocton
Linda Margaret Ranft (cum laude)	Columbus
Roger Franklin Rice	Columbus
Gary Adelbert Roberts	Zanesville
Daniel Patrick Runyan	Alexandria
Andre Saene-Saene	Manga-Beira, Mozambique
Edward Gustave Saurborn	Columbus
Carolyn Ann Schaible	Dayton
Gary Bruno Schmid	Warrensville
Randolph Richard Sheaff	Cincinnati
Karen Stelling Shepherd	Columbus
Gerald Arthur Shifrin	Cleveland Heights
Robert Gordon Shreiner	Middlefield
Robert Jerome Smith	Hackensack, N. J.
Oumar Sow	Republic of Guinea, Africa
Kent Renard Spuhler (cum laude)	Murrysville, Pa.
Karoline Steger (cum laude)	Mansfield
Frederick Irvin Stimpfle	Columbus
Carol Ann Stottlemeyer	Steubenville
John Andrew Strahle	Columbus
Roger Alan Stutz	Piqua
Duncan Bertrand Sutherland, Jr.	Poland
Richard Heath Taylor	Bethel Park, Pa.
Jeffrey Lynn Tennant	Marion
Jimmy Robert Thompson	Fairborn
Ruford Linley Tipton (cum laude)	Dayton
Arthur Samuel Tobin	Everett, Mass.
Frank Davis Turner	Columbus
Charles Tofie Tweel, Jr.	Huntington, W. Va.
James Bruce Unkefer (cum laude)	Minerva
Aleda Marie Vender	South Euclid
David John Warner	Seville
Wallis Diane Weiland	Bucyrus
Stephen Samuel Weinberg	Huntington, N. Y.
John Carrington Welch, III	Shaker Heights
Roger Anthony Wells	Columbus
Michael Craig Westfahl	Cuyahoga Falls
Deborah June Wright	Ashland
Frederick Ross Yaeger, Jr. (cum laude)	Powell
John William Zahara	Bucyrus

School of Journalism

Bachelor of Arts

(Seventeen candidates)

Eileen Carol Billie.....	Parma
Kathleen Marie Cain.....	Brunswick
Ronald Lee Floor.....	Youngstown
Eleanor Grant.....	Columbus
Sandra Dean Gruber.....	Columbus
Kenneth Dean Hammond.....	West Milton
Lee Glen Hansen.....	Titusville, Fla.
Kathleen Marie Hoersten (cum laude).....	Lima
Philip Harold Kalban.....	Freeport, N. Y.
Liseli Ann Lynn.....	McLean, Va.
Ellen Gene Peters.....	Hamilton
David Alan Quillen.....	Springfield
Ronald Eugene Simon.....	Shelby
Josh William Stailey.....	Dublin
Louise Swartzwalder.....	Lakeville
Dale Allen Wilson.....	Columbus
Ronna Levine Ziegel.....	Little Neck, N. Y.

College of Biological Sciences

Acting Dean: John D. Briggs

Bachelor of Science

(One hundred and eighty-two candidates)

Marvin Abrams.....	Louisville, Ky.
John Peter Anderson.....	New Waterford
Thomas Harold Artzner.....	North Canton
Martin Robert Atkins.....	Toronto, Ont., Canada
Howard Jules Barron.....	Hollywood, Fla.
Gerald Eugene Bell.....	Middlefield
Karen Camille Biehl.....	Cleveland
Robert Keith Blackburn.....	Findlay
Alice Elaine Bope (summa cum laude).....	Somerset
William Howard Braund.....	Wooster
Margaret Elizabeth Brower.....	Arlington, Va.
Dennis Everett Brunskill.....	Milford Center
Stephen Houston Buch.....	Youngstown
Richard John Candela.....	Ashtabula
Michael David Caporal.....	Dayton
Darryl Anne Carter.....	Merrick, N. Y.
Joseph Amedeo Celona.....	Boston, Mass.
Denise Marie Chandonnet.....	Lockbourne AFB
Thomas Henry Chaney.....	London
Gordon Scott Collins, Jr.....	Cincinnati
Barbara Gayle Cook.....	Columbus
John Carl Cook, Jr.....	Van Wert
Michael Nicholas Cotignola.....	Glenside, Pa.
Sally Anne Craig.....	Port Washington, N. Y.
Peter Michael Danes.....	Cleveland Heights
William David Deeslie.....	St. Clairsville
Douglas Harvey Deutsch.....	Dayton
Ronald Thomas Doan.....	Rocky River
Lonnie Ray Doles.....	West Milton
Dana Wrensch Donaldson.....	Columbus
Richard Allen Dreher.....	Marietta
Michael Paul Duncombe.....	Pittsburgh, Pa.
Joan Frenee Duplain.....	Columbus
Tommy Joe Early.....	Brookville
Edward Charles Eberlin.....	Beachwood
Howard Jay Edelman.....	East Paterson, N. J.
Thomas Stanley Edwards (cum laude).....	North Canton
Michael Hugh Eidelman.....	Youngstown
Donald Thomas Evert (cum laude).....	Brecksville
Catherine Sue Farison (cum laude).....	Cincinnati
Harvey Michael Feld.....	Shaker Heights
James John Felfoldi, III.....	Dayton
Richard Reid Felix.....	North Lawrence
Barbara Ann Fink.....	Cincinnati
Dale Frederick Finkbine.....	Hamilton
William Alan Fignor.....	Lorain
John Michael Foster.....	Port Clinton
George Francis Fox.....	Hicksville, N. Y.
Irwin Samuel Fox.....	Columbus

Robert Emmet Frank.....	Columbus
Ronald Dayle Frazier.....	Cumberland
Grover Thomas Frederick.....	Cleveland
Donald Edmund Fry (cum laude).....	Marion
Thomas Alan Gavin.....	Lima
William Joseph Geiger.....	Delaware
James Michael Gibson.....	Delaware
Sheri Ann Gilbert.....	East Meadow, N. Y.
Richard Leland Gilson.....	Napoleon
Alan Kenneth Goldberg.....	Rockville Centre, N. Y.
David Stanley Goldberg.....	Huntington Station, N. Y.
Jay Robert Goldman.....	Mt. Freedom, N. J.
Paul Richard Gorman.....	Fort Jennings
Richard Patrick Green.....	Youngstown
Michael Howard Greenberg.....	University Heights
Jeffrey Louis Gross.....	Akron
David Lee Grubb.....	North Canton
Jeffery Paul Guest.....	Lima
Judith Elizabeth Halstead.....	Columbus
Drew Raymond Hansen.....	Runnemede, N. J.
John Fredrick Helvoigt.....	Dover
Robert William Henderson, Jr. (cum laude).....	Rocky River
Robert Richard Hershner.....	Mt. Gilead
David Lee Hines.....	Barnesville
Fred Stanley Hirsh (cum laude and with Distinction in Zoology)	South Euclid
Ronald Eugene Hodges.....	Marion
William Lyle Hoffman.....	Lorain
Jacqueline Ann Homan.....	Perrysburg
Thomas Henry Hoover, Jr.....	North Canton
Roger Lewis Hothem.....	East Sparta
Robert John Howard, Jr.....	Strongsville
Thomas Edwin Hull.....	Delaware
Richard Alan Janovsky.....	Parma
Anthony Lee Jones.....	Sidney
Raymond Edward Joseph.....	Youngstown
James Herron Katzel.....	Cleveland
Russel Eugene Kaufman.....	Kenton
William Ezra Kay.....	Beachwood
Robert James King.....	Dayton
Paul Clifford Kitchin, III.....	Ravenna
Myron Floyd Knell, Jr.....	Bucyrus
Kaye White Knore.....	Whealersburg
Thomas David Kohler.....	Mansfield
Robert William Kottman.....	Columbus
Mark Lawrence Kraus.....	Irvington, N. J.
Nelson Harward Kraus.....	Delaware
James Michael Krause.....	Bedford Heights
Robert Krotenberg.....	Newark, N. J.
Woodrow Boothe Krueger.....	Newark
Ronald Edward Kuseski.....	Pataskala
James Thomas Kvach.....	Avon
Perry Leroy Kyser.....	North Lima
Thomas William Landrum.....	Fairborn
Donald Ray Lee.....	Columbus
Thomas Dale LeGalley.....	Bowling Green
Robert Lee Levy.....	Columbus

Eric Alan Lynn.....	Lima
John Roy MacGregor.....	Columbus
David James Mancini.....	Canton
Ralph Michael Mancini.....	North Canton
Charles Michael McCool.....	Shadyside
Joy Helen McCullough (cum laude).....	Cleveland Heights
Thomas Roush McDonald.....	Circleville
Timothy James McNeeley.....	Lakewood
Leonard Anthony Migliore, Jr.....	Columbus
Thomas Charles Milios.....	Toledo
Robert Carl Moschel.....	Cincinnati
Carole Anne Mutch.....	Youngstown
James Anthony Niziolek.....	Parma
Richard Charles Nyzen.....	Jefferson
Thomas William Oates (summa cum laude).....	Kenton
Konrad Omeltschenko.....	Apple Creek
Charles William Orosz.....	Cleveland
Donald Wayne Oswalt.....	Mansfield
Gary Lynn Page.....	Shelby
Andrew Koloseus Palmer (cum laude and with Distinction in Zoology)	Boonville, N. Y.
Stephen Fellman Pariser.....	Columbus
Wayne Dwight Parker.....	Bellefontaine
Donald Edward Patthoff, Jr.....	Delphos
Duane Lee Peavy (with Distinction in Microbiology).....	Dayton
Edwin McDade Perkins.....	Canton
David Brooks Pierce.....	Falls Church, Va.
Henry Jay Rankow.....	Hicksville, N. Y.
Marsha Ann Reiss.....	Worthington
Michael Daniel Reuter.....	Columbus
David Charles Rice.....	Warren
Fred Thomas Richter.....	Cincinnati
Richard Melvin Riedy.....	New London
Morry Leon Rotenberg (cum laude).....	Cleveland
James Frederick Ruhl.....	Covington
Bernardo Savariego.....	Euclid
Karl Ira Schaeffer (cum laude).....	Columbus
Sharon Lea Schleich.....	Grove City
Stanley Alan Schneider.....	Cleveland Heights
Jared Naphtali Schwartz.....	Youngstown
Ellen Anne Seidensticker.....	Columbus
Edward Joel Septimus.....	Flushing, N. Y.
Richard Lee Shaffer.....	Wauseon
Daryl Dee Shank.....	Dayton
James Shima.....	Maple Heights
William James Simon.....	Parma
James Lee Sims.....	Troy
Randall Otto Slabe.....	Parma
Frederick Michael Smeltzer.....	Columbus
Mitchell Bryan Smith.....	Waynesville
William Robert Snyder.....	Poland
William Paul Sockman.....	Mt. Vernon
Steven Lee Steakley.....	Ashtabula
Alan Louis Sterling.....	Columbus
Michael David Stern.....	Cleveland
James Byron Talmage.....	Rocky River

Timothy Harold Thatcher.....	Chillicothe
Larry Richard Thomas.....	Findlay
Tana Thompson.....	Columbus
Nicholas Joseph Tomasi.....	Lima
Michael Joseph Tomcik.....	Columbus
Ihor Wolodymyr Turczynewycz.....	Parma
Fred Martin Tuttle.....	Louisville
Gail Ann Tyler.....	Gainesville, Fla.
David James Vandersommen (cum laude).....	Mansfield
Bruce Ira Vogel.....	Baldwin, N. Y.
Edward Daron Vosatka.....	New London
Glenn Edwin Waldron.....	Farmingdale, N. Y.
Terry James Wandt.....	Parma Heights
Dennis James Ward.....	Brookville
Philip Peter Wasserman.....	Helena
Mark Edward Webster.....	Caldwell
David Neil Wertz.....	Akron
Ralph Joseph Wiessinger.....	Lima
Sylvia Townsend Winsch.....	Columbus
Alan Joseph Wood.....	Springfield
Donn Curtis Young.....	Columbus
John David Young.....	Worthington

College of Commerce and Administration

Dean: James R. McCoy

Bachelor of Science in Business Administration *(Three hundred and six candidates)*

Jeffrey Paul Albert.....	Beachwood
Elizabeth Anne Allemang.....	Spencer
Thomas Lee Arnett.....	Crestline
William Henry Aselage.....	Anna
Robert Lynn Asmus.....	Massillon
William Ray Baesman.....	Columbus
Howard Donald Bailey.....	Columbus
Robert Shannon Baker, Jr.....	Decatur, Ga.
Wesley Edward Baker, III.....	Berea
James Earnest Baldwin, Jr.....	Dayton
Richard Alan Bangs.....	Westfield, N. J.
Robert Paul Barnett.....	Wooster
Wendell Glenn Barr, Jr.....	Washington C. H.
John Dann Beam.....	Mt. Vernon
Constance Louise Beckwith.....	Toledo
Robert Paul Begelman.....	Patchogue, N. Y.
James Michael Bendau.....	Cleveland
Linda Ann Berg.....	Lockport, N. Y.
Charles H. Berk.....	Queens Village, N. Y.
Daniel Lewis Bevan.....	Wilmington
John Carleton Biesecker.....	Columbus
Joseph Randall Biggs.....	Pickerington
Daniel Carter Black.....	Mechanicsburg
William Kenneth Blackburn, Jr.....	Cleveland
Phillip Edwin Blue.....	Springfield
David Wilson Boeder.....	Lima
Arlynn Jo Bogar.....	Cleveland Heights
Nancy Ellen Bonsell.....	Mt. Vernon
David Graham Boring.....	Xenia
Ernest Clyde Bowman.....	West Jefferson
Jane Forsythe Boynton.....	Wheelersburg
Philip Arden Brandt.....	Lewistown
John Paul Brewster.....	Perry
Harold Lee Brown.....	Bellaire
Bruce David Buckholz.....	Mansfield
Lawrence Elliot Bull.....	Mentor
Robert Elsworth Burns.....	Marion
Heather Grier Cameron.....	Lisbon
Warren Alexander Campbell, III.....	Fairborn
Bernard Harris Caplin.....	University Heights
Michael Lynn Carmean.....	St. Louis, Mo.
Jerry Lynn Carraway.....	Columbus
Frank Leslie Carrick.....	Columbus
Charles Vincent Casagrande.....	Amelia
Lawrence Robert Chernikoff.....	Cleveland
John Charles Christiansen, Jr.....	North Canton
Phillip Eugene Cline.....	Dayton
Peter Anthony Cohen.....	Rockville Centre, N. Y.
Sharon Lynne Cohen.....	New York, N. Y.

Patrick Glenn Collins.....	Columbus
James Donald Conrad.....	Steubenville
Gregory Louis Crane.....	Brunswick
Robert Eugene Cribbs.....	Canton
Thomas Leonard Cronin, Jr.....	Greenville
Ronald Dean Dawson.....	Columbus
Terrence Marshall Dawson.....	Sandusky
William Ronald Deck.....	Columbus
John Robert Deislinger.....	Girard
James Fraser Delahunt, Jr.....	Huron
James George DeLong.....	Kingston
Joseph Henry Denig.....	Mansfield
Robert Peet Dickinson.....	Dayton
Michael Hilton Dickson.....	Columbus
David Lee Diehl.....	Uhrichsville
Richard James Dishnica.....	Canton
Gerald John Domis.....	Cincinnati
John Albert Donahue.....	Point Marion, Pa.
Robert James Donahue.....	Gahanna
Francis Bernard Drass, Jr.....	Detroit, Mich.
Douglas Lynn Dunham.....	Wooster
William Ned Eachus.....	Gallipolis
George Edward Ertel.....	Dayton
William James Etchell.....	Maple Heights
Ralph Gregory Evans.....	Columbus
Jon Leonard Faurot.....	Lima
Jeffrey Stephan Feder.....	Shaker Heights
Susan Ellen Feder.....	Reynoldsburg
John Joseph Fedor.....	Conneaut
Frank Michael Fink.....	Cleveland
James Robert Flament.....	Cleveland
Robert Paul Ford.....	Springfield
Richard Eugene Forrest, Jr.....	Springfield
George Ernest Forsty.....	Conneaut
Robert Harry Frederick.....	Coshocton
Russell Alvin French.....	Ashland
Dean Wilson Fried.....	Springfield
Gregory John Friess.....	Akron
Robert Eugene Fry, Jr. (cum laude).....	Buckland
Weston Linwood Gardner, Jr.....	Toledo
Jerome Matthew Gatto.....	Cleveland
Ronald Lee Geese.....	Dublin
Thomas Alan Getz.....	Mansfield
Vicki Lynn Giles.....	Springfield
Richard Norman Ginnis.....	Beachwood
Larry Dale Goff.....	West Mansfield
Fred Gerald Goldstein.....	Canton
Ladislaus Timothy Gollesz.....	Cleveland
Robert Lane Goodell.....	Cleveland
Fredric Sanford Goodman.....	Beachwood
Howard Russell Goodman.....	Columbus
Lynn Edward Goodwin.....	Cedarville
James Allan Grodin.....	Shaker Heights
Timothy Joseph Hagerty.....	Columbus
Irene Hagiantoniou (summa cum laude).....	Athens, Greece
David Miffin Hall.....	Dayton

Robert Herbert Harris.....	Columbus
Donald Allen Hazle.....	Mansfield
Bruce Viel Heine.....	Columbus
James Lee Hemmerly.....	Columbus
Laddie Herczeg (cum laude).....	Cleveland
Thomas Russell Herrick.....	Twinsburg
John Phelps Hetman.....	Wooster
Sheila Jean Hinaman.....	Caledonia
John Donaldson Holden.....	Columbus
Russell Simon Holdstein.....	Shaker Heights
Larry Eugene Hoover.....	Pasadena, Calif.
John Clifford Horter.....	Cleveland Heights
Charles Richard Hoskinson.....	Columbus
John David Huber.....	Bellefontaine
John Richard Hull.....	Columbus
William Timothy Irvin.....	Dayton
Thomas George Isaly.....	Columbus
John Stephen Izzie.....	Columbus
Robert Lynn Jacobs.....	University Heights
Charles Dee James.....	Waynesville
Larry George James.....	Cleveland
John Anthony Jeren, Jr.....	Campbell
Jack David Jester.....	Carroll
Gary Dennis Johns.....	Gibsonia, Pa.
Dale Eugene Johnson.....	Newark
Gerald Truett Johnson.....	Mansfield
Charles Ned Johnston.....	Columbus
Richard William Jordan.....	Litchfield Park, Ariz.
Jon Louis Kaemming.....	Toledo
James Ernest Kappeler.....	Dover
Bill Edward Katz.....	Cincinnati
Phillip William Kayser.....	Leavittsburg
Steven Keller.....	Akron
David Paul Klingelhafer.....	Galion
Gary Arthur Kohli.....	Wauseon
Bert William Koontz.....	Amherst
James Allan Krakowski.....	Cleveland
Ronald Alvin Kramer.....	East Cleveland
Michael Scott Krasnoff.....	Warren
Christopher Herman Kuhns.....	South Euclid
Bernerd Franklin Kurit.....	University Heights
Theodore Lakkides.....	Massillon
Bill George Lambert.....	New York, N. Y.
Dennis George Laurich.....	Parma
Thomas John Laut.....	West Lafayette
Robert Michael Lawrence.....	Butler, Pa.
William Anthony Lee.....	Lima
Larry Lee Lehning.....	North Bend
George Valeren Leshy.....	Columbus
Rhea-Jean Lieb.....	Dansville, N. Y.
John Foster Livorno.....	Shadyside
James Anthony Lopresti.....	Maple Heights
Thomas Allen Ludwig.....	Parma
John Joseph Lukianowicz.....	Seven Hills
Allan Gale Lumannick.....	Maple Heights
Barbara Jean Mahone.....	Shaker Heights

Timothy Peter Malishenko.....	Fairborn
Joseph Bryant Mangum.....	Walbridge
Harry Hollis Mann.....	Grove City
Julian Dean Manning.....	Waverly
James Anthony Marapoti.....	Georgetown, Mass.
Robert Terry Marlow.....	Columbus
Andrew Joseph Marusa.....	Toledo
Russell Milan Masters, Jr.....	Xenia
Ronald Robert Matasich.....	Proctorville
Thomas Jeffrey Maynard.....	Columbus
David Lee McKee.....	New Holland
Karl Morton McKinney.....	Reynoldsburg
Michael Paul McLaughlin.....	Oregon
James Eugene McNutt.....	Columbus
Linda Jean McReynolds.....	Sidney
Michael Hugh Mearan.....	Ironton
Jeffrey Joel Mellman.....	Columbus
Gayle Merves.....	Lorain
Donna Ann Meves.....	Alliance
David Jon Michael.....	Oregon
David Alan Miller.....	Columbus
John Raymond Miller.....	Chardon
John Roy Miller.....	Camp Hill, Pa.
Robert Milton Miller.....	Columbus
William Truesdell Miller.....	Cleveland
Keith David Monda.....	Canton
Kenneth Ellsworth Monroe.....	Philo
Donald Charles Morvai.....	Mansfield
Michael Francis Motil.....	Columbus
Ronald Arthur Mucha.....	Parma Heights
John Edward Mueller.....	Worthington
Robert Larry Mueller.....	Columbus
Richard Edward Nance.....	Columbus
Patrick Francis Naughton.....	Lakewood
Barrant Wyatt Nelson.....	Medina
Stephen Manion Nelson.....	Columbus
Charles Truman Newcomb, Jr.....	Columbus
Gary Alexander Nobil.....	Akron
Ronald Benjamin Noga.....	Parma Heights
Thomas Newton O'Connor.....	Dayton
John Alex Odenweller.....	Ottawa
Jeffrey Maxwell Oglevee.....	Columbus
Kendra Jean Orders.....	Westerville
Kenneth Charles Paige.....	Lima
Gregory Frank Palcanis.....	Shaker Heights
Roy William Palenschat.....	Euclid
Gary Alexander Paulson.....	Cleveland
Jack Edward Pender.....	Columbus
Michael David Pevzner.....	Warren
Kenneth Samuel Platt, Jr.....	Youngstown
William Merriman Price, IV.....	Reynoldsburg
Jerry Lee Pulley.....	Westerville
John Douglas Py.....	Sandusky
George Weir Rankin.....	Groveport
Susan Kay Raster.....	Springfield
James Daniel Raynak.....	Hamilton

Alan Ira Reade.....	Far Rockaway, N. Y.
Rebecca Jane Reed.....	Bowling Green
Glenn Dale Reeser.....	Circleville
Marc Joel Reider.....	University Heights
William Earl Reuscher.....	Cincinnati
Robert Hancel Rice.....	Columbus
William Duke Ridings, Jr.....	Milford
Robert Clyde Rinehart, Jr.....	Columbus
William Paul Ritchie.....	Amlin
Ronald Asa Robison.....	Lewisburg
Richard George Robson.....	Tipp City
John Thomas Ross.....	Lima
William Charles Rush.....	Painesville
Raymond Al Sadauskas.....	Cleveland
David Arthur Samsel.....	Ashland
James Charles Sauer.....	Columbus
Starlett Ann Scheiderer.....	Plain City
Robert Alan Schordock.....	Lakewood
Donald Craig Schumacher.....	Columbus
Sherman David Schwartzberg.....	Columbus
Paul Edward Segal.....	Akron
Earl Jeffrey Sena.....	Cincinnati
Michael Angelo Sergio, Jr.....	Columbus
Thomas Richard Severns.....	Cambridge
Anne Brownson Sigel.....	Worcester, Mass.
Jeffrey Todd Siler.....	Dayton
Donald Leo Simcox.....	Columbus
Raymond Francis Sinchak.....	Denver, Colo.
Steven Freeland Smith.....	Sandusky
Walter Ernest Smith.....	Cincinnati
Gary Edward Snyder.....	Dayton
James Floyd Snyder.....	New London
Stephen Jack Snyder.....	Columbus
David Arthur Spangler.....	Columbus
Richard Blaine Sparks.....	Uhrichsville
Richard Allan Spencer.....	Springfield
Dean Spinanger (with Distinction in Economics).....	Cincinnati
Douglas Guy Squeo.....	Columbus
Robert Lee Starkey.....	West Richfield
John Gary Stauffer.....	Rocky River
Marc Theodor Stern.....	Columbus
William James Stern.....	Shaker Heights
Victoria Lynn Stewart.....	Columbus
John Ladd Stickel.....	Pittsburgh, Pa.
Keith Kelley Stilwell.....	Logan
Eric Michael Stolee.....	Vancouver, Wash.
Gary Richard Strickland.....	Worthington
Martin Joseph Strischek, III.....	Marysville
David Michael Sunshine.....	Shaker Heights
Glenn Matthew Taggart.....	Shaker Heights
Harry Harold Taich.....	Lorain
Robert Louis Tarczy.....	Cleveland
Lawrence Meritt Thatcher.....	Elyria
Thomas Poyner Thatcher.....	Sulphur Springs
David Allen Thomas.....	Mount Prospect, Ill.
John Edward Thompson.....	Mansfield

Wayne Lee Thompson.....	Bellefontaine
Kenneth Paul Thurston.....	Columbus
Daniel Ray Tidrick.....	Coshocton
Tommy George Trivan.....	Findlay
Ronald Joseph Truskolaski.....	Cadiz
Thomas Earl Turner.....	Marion
Stephen Howard Valentine.....	Columbus
George James VanHeyde.....	Columbus
Stephen Gary Varga.....	Worthington
James William Vogel.....	Toledo
Marsha Lois Vyner.....	Rochester, N. Y.
Wayne Kay Wagamon.....	Columbia Station
John Robert Waldo.....	Columbus
John Leslie Walkey.....	Lafayette, Ind.
Steven Michael Wander.....	New Rochelle, N. Y.
David William Warner.....	Johnstown
David Lowell Weber.....	Archbold
Bruce Owen Wedel.....	Cleveland
Wayne Allen Weintraub.....	Buffalo, N. Y.
Stuart Mark Weisberg.....	Cleveland
Larry Alan Weiser.....	University Heights
Michael Alan Weiser.....	Cleveland Heights
James Randolph West.....	Akron
Thomas Edgar Wheeler.....	Columbus
James Robert Williams.....	Eaton
Larry Owen Wilson.....	Columbus
Jerome Roy Winiasz.....	Lorain
Michael Alan Wolf.....	Sylvania
David Lewis Wolfe.....	Dublin
Larry Evert Wolfe.....	Wapakoneta
David Carleton Wright.....	Columbus
Charles George Zeisser, Jr.....	Warren
Dennis James Zimmerman.....	Columbus

School of Social Work

Bachelor of Science in Social Welfare

(Seventy-one candidates)

Linda Darlene Albert.....	Cincinnati
Cheryl Lynne Alexander.....	Cambridge
Ruth Immelt Anderson.....	Columbus
Leslie Carole Appel.....	University Heights
Richard Arthur.....	Crestline
Frances Dowell Bartelt.....	Columbus
Wendy Judith Beal.....	New York, N. Y.
Marsha Beverly Bernstein.....	Jericho, N. Y.
Ann Teresa Biesmeyer.....	Lakewood
Iris Blaustein.....	Shaker Heights
Sheryl Ann Brake.....	Delaware
John James Cassidy.....	Niles
Gail Louise Chern.....	Columbus
Cecile Victoria Cohen.....	Laurelton, N. Y.
Olivia Marie DeFrank.....	Columbus
Patricia Marie Dempsey.....	Delaware
Elaine Kay Eisiminger.....	Blacklick
Susan Eileen Emmons.....	Cincinnati
Judith Ann Faulhaber.....	Broadview Heights

David Michael Frankle.....	Lorain
Robert Clement Frederick.....	Ashtabula
Cathy Susan Glocker.....	Cleveland
Barbara Rose Goldstein.....	Brooklyn, N. Y.
Carolyn Louise Grant.....	Cincinnati
Bonnie Jean Greenberger.....	University Heights
Suellen Hager.....	Gallipolis
John Paul Helm.....	North Canton
Brenda Jane Herrman.....	Cuyahoga Falls
Cynthia Anne Hicks.....	Columbus
Claudia Elizabeth Hoeffel.....	Cincinnati
Carol Ann Hoekelman.....	Youngstown
Melvin Aubrey Hoover.....	Columbus
Eileen Kay Hopkins.....	University Heights
Barbara Suzanne Horwitz.....	Toledo
Charles John Hudak.....	Campbell
Marcia Rose Huntley.....	Bryan
Dorothy Ann James.....	Kettering
Patricia Ann Jury.....	Columbus
Gene Victoria Kalin.....	State College, Pa.
Louis Rick Keefer.....	Marion
Patricia Caryl Littlejohn.....	Columbus
Sharon Ann Mallett.....	Columbus
Jean Clarice Marshall.....	Eaton
Diana Maryellen McKee.....	Alexandria, Va.
Carol Sue Milam.....	Wintersville
Ellen Kay Miner.....	Beachwood
John Hemphill Moffett.....	Perrysburg
Keith Alan Moon.....	Columbus
Lesa Jean Pashuck.....	Woodstown, N. J.
Joseph John Piaseczny.....	Newark
Donald Dean Pittman.....	Columbus
Mary Ann Prosser.....	Columbus
Martha Williams Radtke.....	Bucyrus
Arthur Richard Reynolds.....	Columbus
Mary Louise Rini.....	Brecksville
Arlene Lynn Rockower.....	Fort Lee, N. J.
Minda Jane Schwartz.....	Springfield, N. J.
Susan Frances Silverman.....	East Liverpool
Gay Suzanne Solomon.....	Youngstown
Paula Jean Solomon.....	Columbus
Anna Mae Steele.....	Columbus
Julie Marie Stierwalt.....	Columbus
Linda Ellen Stiner.....	Columbus
Janet Sue Stitzlein.....	Loudonville
Carolyn Jean Varga.....	Hubbard
Constance Ruth Voldrich.....	Columbus
Antoinette Camille Warren.....	Columbus
Joan Sherrill Weinberg.....	University Heights
Cynthia Lilly Wiles.....	Columbus
Lowell Eugene Williams, Jr.....	Marion
Gloria Jeanne Zahand.....	Twinsburg

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

(One hundred and twenty-three candidates)

David Adams, B.A. (Morehead State College)	Hamilton
Gordon Kermit Amsbary	Gallipolis
Philip Norman Ankrim (cum laude)	Ridgeland, S. C.
Eric Alan Appleberry (cum laude)	Yellow Springs
Herbert Allen Asch, B.Sc.	Lorain
Rudolf Werner August, B.A. (Capital University)	Columbus
William Allen Avery, Jr., B.S. (Denison University)	Granville
Bruce Louis Bartos	Cleveland
Henry Albert Berger	Piqua
Terrell D. Berryman	Grover Hill
Jerry Howard Brockhoff, B.S. (University of Cincinnati)	Cincinnati
Charles Harry Caldwell, B.A. (Washington and Jefferson College)	Columbus
William Lawrence Cindric	Dayton
Charles Henry Claibourne, B.Sc.	Wilmington
Daniel George Clauer	Springfield
Roger Lee Clouse	Youngstown
James David Corcoran	Independence
Eric Bice Cromwell, B.S. (Ohio Northern University)	Columbus
Ronald Leroy Dalleske	Youngstown
Bruce Arthur Damstra, B.A. (DePauw University)	Dayton
Matthew Harry Davies, A.B. (Miami University)	Troy
Stephen David Davis, A.B. (Youngstown University)	Hubbard
Stephen Sanders Davis, A.B. (Kenyon College)	Montreal, Que., Canada
Louis Albert Ebersold, B.A. (Ohio Wesleyan University)	Bay Village
Douglas Alan Edwards, B.S. (Xavier University)	Cleveland
Douglas Eugene Ehlers	Troy
David Leigh Evans	Lima
Evan Young Ewing, B.S. (John Carroll University)	Cleveland
Joseph Tony Fanti, Jr., B.A.A.E.	Uhrichsville
Jerre Eugene Feintheil	Birmingham, Mich.
Raymond Feudo, B.S. (John Carroll University)	Mayfield Heights
Robert Miles Finney	Marion
Anthony Martin Germani, B.S. (University of Cincinnati)	Youngstown
Robert Jeffrey Gersh	Dayton
Michael Charles Getz, A.B. (Miami University)	Hamilton
Richard Alan Ginsburg, B.B.A. (University of Pittsburgh)	Columbus
Robert Charles Glueck	Cincinnati
Charles Herman Guenther, Jr.	Wooster
Steven Neil Handler	Cincinnati
Roger Jeffrey Harris	Dayton
John Hastings	Lake Mary, Fla.
Mark Edwin John Heilman, IV	Columbus
Steven Neil Hochman	Shaker Heights
Alan Dale Hubley	Spencerville
Lawrence Dennis James	Cambridge
Dale Eugene Jones	Canfield
Ronald Lewis Kaylor	Canton
David LaMar Keiser	Sidney

Larry David Sindledecker (cum laude)	Shaker Heights
Robert Charles Skillicorn, B.A.	Bedford
Robert Richard Smith, B.Sc.	University Heights
Peter George Sorvas	Boca Raton, Fla.
David Rees Sperry, B.Sc.	Newark
David Henry Strack	Castalia
Kurt Van Swearingen	Granville
C. James Terna, B.Sc. in Edu.	Youngstown
James Stephan Traub, B.Sc.	Lorain
Gary Wood Troutman, B.Sc.	Toledo
Paul Frank Varland, B.S. (University of Cincinnati)	Cincinnati
Stuart Allen Vendeland, B.S. (University of Cincinnati)	Cincinnati
Bruce Edward Vollmer	Cincinnati
Walter Nicholas Waits (cum laude)	Columbus
James Michael Walz	Defiance
David Lloyd Wells, B.S. (University of Toledo) (summa cum laude)	Toledo
Richard Henry Westmeyer, B.S. (University of Dayton)	Toledo
Dale Michael White, B.S. (Ohio University)	Cincinnati
Stanley Arthur Williams	Hayesville
David Lee Wolery, B.Sc. in Edu.	Portsmouth
Loren Ray Yoder, B.A. (Bowling Green State University)	North Canton
David Jeremiah Young, B.S. (United States Naval Academy)	Plain City
Donald Lynn Zimmerman, B.Sc. (cum laude)	Bluffton
Michael Jay Zimmerman, B.A.	Columbus

Certificate of Graduate Dental Hygienist

(Seventy-five candidates)

Diane Anagnos	Dayton
Charlotte King Ashton	Columbus
Cynthia Ann Ayers	Woodville
Trudi Diane Baker	Walbridge
Judy Ann Barry	Portsmouth
†Mary Johnson Benkert	Piqua
Diana Mary Bennett	Lakewood
Susan Leslie Birnbaum	Youngstown
Stephany Sue Bogner	Mansfield
Susan Lynne Broughton	Cincinnati
Barbara Jean Brown	Cincinnati
Marilyn Sue Brubaker	Piqua
†Nancy Gibson Clayton	Kettering
Marcia Anne Close	Millersburg
Marlene Sue Cohn	Cincinnati
†Phyllis Sue Collins	Cincinnati
†Connie Lee Cook	Woodsfield
June Aretta Cooper	Piqua
Saundra Lynne Cowell	Worthington
†Carol Lynn Cummins	Piqua
Diane Lynn Cusher	Cincinnati
Karen Patricia David	Swanton
Sue Anne Detzel	Cincinnati
Jane Ellen Dyer	Bay Village
Donna Anne Edelman	South Euclid
Sandra Stewart Ferguson	Gahanna
Patricia Elaine Franks	Parma Heights
Sandra Lee Genoozis	Columbus

† Also Bachelor of Arts, College of Arts and Sciences

Doree Jean Greendyke.....	Greenville
Linda Irene Grosshart.....	Columbus
Constance Marie Hilt.....	Fremont
Mary Lou Hoover.....	Seville
Sharon Ann Houtz.....	Youngstown
Rebecca Ann Jaynes.....	Dayton
Barbara Jean Johnson.....	Columbus
Barbara Novy Johnson.....	Downers Grove, Ill.
Rita Sue Kahn.....	Columbus
Linda Kay Kaumeyer.....	Columbus
Karen Jane Krafzick.....	Cincinnati
Susan Jane Krauth.....	Columbus
Shirley Clairice Krieg.....	Cincinnati
Carol Ann Krouse.....	Defiance
†Jacquelyn LeVine.....	Toledo
†Sally Jeanne Marko.....	Toledo
Marsha Jane Martinelli.....	New Philadelphia
Nancy Ann McClelland.....	Columbus
Carolyn Ann McClintock.....	Cincinnati
Linda Dianne McKean.....	Defiance
Michelle Kathryn Meister.....	Brooklyn
†Susan Ethel Miller.....	Columbus
†Marianne Leoni Mollenkamp.....	Rayland
Jean Ann Monbeck.....	Dayton
Marilyn Grace Moyer.....	Findlay
Marilyn Ann Nichols.....	Lebanon
Sherry Ann Payne.....	West Chester
Nancy Ann Plajer.....	Alliance
Jacolynn Joy Pryor.....	Lancaster
Miriam Eileen Purcell.....	Cincinnati
Susan Kay Reed.....	Delta
Karen Ellen Refkin.....	Canton
Sandra Lee Reich.....	Westerville
†Barbara Gene Roach.....	Columbus
Cheryl Ann Salisbury.....	Dayton
†Ellen Schwartz.....	Baltimore, Md.
Donna Jacqueline Shearer.....	Hamilton
†Elaine Marilyn Smith.....	Cincinnati
Kathleen Ann Smith.....	Lyndhurst
Dee Ann Springer.....	Kettering
Susan Dee Stull.....	Mansfield
†Jean Louise Thillberg.....	Poland
Lauren Fay Toensing.....	Bay Village
Janet LaRue Wagner.....	Columbus
Sheila Dianne Ward.....	Marysville
Carol Sue Wood.....	Cincinnati
Lynn Shuey Yark.....	Toledo

† Also Bachelor of Arts, College of Arts and Sciences

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

(Seven hundred and sixty-five candidates)

Carolyn Joan Aaron.....	Shaker Heights
Gwen Annette Abbott.....	Omaha, Neb.
Barbara Abramovitz.....	Youngstown
Mary Jane Ackroyd.....	Willoughby
David Ronald Adams (cum laude).....	Sylvania
Patricia Ann Adams.....	Clyde
Laurie Ann Alexander.....	Columbus
Betty Jane Allen.....	Leipsic
Doris Cline Almoney.....	Newark
Beverly Gurevitz Alpert.....	Columbus
Marilyn Kay Altmaier.....	Marion
Patricia Rose Anderson.....	Rocky River
Donna Rose Apple.....	Kettering
Charla Ellen Arkiss.....	Chicago, Ill.
Jo Ann Armstrong.....	Painesville
Brenda Joyce Arnett.....	Wheelersburg
Susan Marie Arthur.....	Granville
Kristine Kay Artopoulos.....	Rocky River
Sharon Marie Auchman.....	Springfield
Christine Louise Austen (cum laude).....	Jeromesville
Sharon Azaroff.....	Marion
Barbara Gayle Bachman.....	Cleveland
Joan Elaine Baer.....	Gambier
Jennifer Pate Bagley.....	Chesterland
Brenda Kay Bailey.....	Sandusky
Steven Louis Ball.....	Miamisburg
Andris Baltputnis.....	Salineville
Melinda Snider Bangart.....	Columbus
Karen Elizabeth Banks.....	Hamilton
John William Barker.....	Blacklick
Larry Douglas Barnett.....	Ridgeway
Sandra Lee Baumhoyer.....	Baltimore
Doris Helen Bauerlein.....	Utica, Mich.
Margaret Sue Beam.....	Xenia
Karmen Ann Beasley.....	Marion
Virginia Elizabeth Beath.....	Chillicothe
Barbara Ann Beatty.....	Cambridge
William David Becher.....	Columbus
Nancy Jane Beck.....	McComb
Patricia Jean Beeman.....	Euclid
Barbara Lynn Beerman.....	Dayton
Suzanne Barbara Beitler.....	Lynbrook, N. Y.
Dianne Reece Bennett.....	Mogadore
Susan Gail Bennett.....	Dayton
Mary Louise Bergman.....	Columbus
Lynne Ellen Berry.....	Shreve
Rebecca Moseley Bethel.....	Chillicothe
Beverly Ann Bigelow.....	Columbus
Michael James Billette, B.A.....	Kettering

Rebecca Elizabeth Bishop.....	Columbus
Carol Jeanne Black.....	Pataskala
Robert Joseph Black.....	Piqua
Sharon Jean Blackburn.....	Gahanna
Betty Lucille Blackwood.....	New Concord
Sheila Geraldine Blecman.....	Elyria
Helen Bloch.....	South Euclid
Judith Ann Blythe.....	Newark
Linda Jones Boder.....	Columbus
Alan Grove Bohache.....	Cincinnati
*Alexander Joseph Bolla, Jr.....	Rocky River
Sharon Lynn Bollenbacher.....	Huron
Susan Joy Bookatz.....	Beachwood
David Alan Bowers.....	Toledo
Linda Sue Bowers.....	Centerburg
Cheri Lynn Bowman.....	Dayton
Joseph Robert Boyle, B.A.....	Columbus
Edward Darrel Bozeman, III.....	Avon
Leonard William Braden, B.A.....	Columbus
Linda Kay Bradfield.....	Columbus
Diane Joy Bramson.....	Cleveland
Shirley Altick Brandt (summa cum laude).....	Russells Point
Thomas Watson Brawner, III.....	Frankfort, Ky.
Pamela Elizabeth Brelsford.....	Middletown
William Allen Brock, B.Sc.....	Akron
Judith Anne Brocke.....	Woodville
Carol Clark Brockway.....	Hebron
Carla Ann Brooks.....	Chillicothe
Elmer Gordon Brooks.....	Columbus
Paul Lee Brooks.....	Ridgeway
*Linda Rose Brown.....	Rocky River
Patricia Eleanor Brown.....	Fairview Park
Paul Bradley Brown.....	Columbus
Polly Sue Brown.....	Middletown
Rebecca Sue Brown.....	Lima
Shirley Isenberg Brown.....	Columbus
William Gerald Buchholz.....	Parma Heights
Carole Sue Burgheim.....	Hume, Ill.
Karen Jean Burrows.....	Willowick
Donald Price Burton.....	Marion
Marcella Ann Buzzelli.....	Twinsburg
William Theodore Cahill.....	Mansfield
Gary Lewis Cairns.....	Canton
Mary Bogatay Cairns.....	Euclid
Carol Ann Cameron.....	Warren
Geri Deborah Canarick.....	Bayside, N. Y.
Cynthia Meyer Capper.....	Mansfield
Ethlyn Rae Carpenter.....	Columbia Station
Mary Ann Carpenter.....	Columbus
Suzanne Lee Carpenter.....	Parma
Susan Kay Caskey.....	Edison
Barbara Elaine Celma.....	Cleveland
Bernice Ann Chapin.....	Columbus
Mary Jane Chittenden.....	Columbus
Lida Chrabry.....	University Heights

* Also Bachelor of Arts, College of Arts and Sciences

David Carl Churchman.....	Blacklick
William Frank Cimochowski.....	Colonia, N. J.
Carl David Cisler.....	Heath
Jo Ann Citron.....	Roanoke, Va.
Gayle Ann Claar.....	Groveport
Joyce Ruby Clark.....	Cambridge
Pamela Ann Clark.....	Delphos
Judith Kay Clarridge.....	Marysville
James Allen Clendenin.....	Columbus
Donald Ray Clevenger.....	Shelby
Richard Lee Click.....	Prospect
Carla Jeanne Coffman.....	Columbus
Christina Sue Cole, A.B. (Denison University).....	Lancaster
Patricia Anne Collins.....	Ashville
Lynda Sue Comet.....	Beachwood
Donna Lee Compton.....	Cleveland Heights
Patricia Lynn Cook (cum laude).....	Caledonia
Carolyn Sue Cooper.....	Coal Grove
Dean Francis Cost.....	Euclid
Roseann Elaine Cost.....	Granville
Lauri Frances Cowan.....	Oberlin
Janet Emily Crandell.....	Sylvania
Jack Emery Culp.....	Bellefontaine
Karen Elizabeth Cunningham.....	Portsmouth
Linda Elaine Cusin (cum laude).....	Columbus
Richard Joseph Daiberl.....	Morton Grove, Ill.
Gary Dean Dalton.....	Logan
Leslie June Danciger.....	New Rochelle, N. Y.
Donald Ray Daniels.....	South Solon
John Edward Dauer.....	Columbus
Carolyn Maxine Daugherty.....	Prospect
James Edward Davis.....	Otway
Deborah Anne Deal.....	Sidney
Jan Holt Dearth.....	Groveport
Carol Ann DeBartolo.....	Milltown, N. J.
Linda Lou Deibel.....	Fresno
Sally Ellen Dellinger.....	Columbus
Adrianne DeLony.....	Cleveland
Sandra Ferrel Denner.....	Zanesville
Marie Ann Denney.....	Powell
Carol Ann Deselms.....	Freeport
Lois Fry DeWolfe.....	Marion
Judy Joy Diamond.....	Miami, Fla.
Diana Helen Dicker.....	Bay Village
Mabel Ellen Dickinson.....	Peninsula
Jeanne Elizabeth Dickson.....	Gasport, N. Y.
Ann Louise Dienstberger.....	Lima
Janice Marlene Dietrich.....	South Euclid
Constance Irene Dillon.....	Beach City
Phyllis Ann DiNapoli.....	Tiltonsville
Philip Paul DiStefano.....	Steubenville
Janis Mae Doerk (cum laude).....	Columbus
Bruce Michael Doll.....	Springfield
Maria Vicario Donato.....	Gahanna
Carol Hardbarger Downes.....	Columbus
Carol Ann Duckson.....	Dayton

Helene Earley Dunigan (cum laude)	Columbus
Pamela Jeanne Dunlap	Columbus
Susan Lee Dunlap	Scio
Roberta Michele Dworkin	Akron
Deborah Sue Dye	Bay Village
Judith Ann Earl	Columbus
Don Stephen Edman	Utica
Cara Jane Edwards	Middlefield
Patricia Claretta Edwards	Philadelphia, Pa.
Susan Israel Eger	Columbus
Nancy Immell Eicher	Chillicothe
Shirley Eilenberg	Youngstown
Sharon Gilbert Eisenberg	Beachwood
Carol Beatrice Eisenmann	Valley City
Bonnie Kathryn Elliott	Cleveland
Gloria Ann Elliott	Bellefontaine
Kay Marcine Elliott	Mansfield
Terry Lee Elliott	Columbus
Margie Louise Ellis	Beachwood
David George Elsass	Canton
Susan Lydia Emmert	Ridgeway
Mary Frances Endicott	Columbus
Carol Dawn Engle	Columbus
Natalie Rae Epstein	Lima
Deena Sue Evans	Urbana
Marcia Lee Evans	Painesville
Carole Brunton Everard	Columbus
Annette Faccinto	Steubenville
Jane Evelyn Farber	Cleveland
*Janice Louise Farra	Dayton
Marsha Helise Farron	Beachwood
Linda Warner Fausey (summa cum laude)	Columbus
J. Benjamin Fell	Zanesville
Carol Dianne Fenner	Hillsboro
Constance Jane Fenner	Dayton
Anita Rose Fidler	Cincinnati
Kathleen Ruth Fischer	Cleveland
David Edgar Fisher	London
Sarah Holsinger Fisher	Worthington
Paul Robert Fitez, Jr.	Hagerstown, Md.
Carol Ann Fleener	Columbus
Mary Jo House Fleig	Dayton
Cynthia Norrine Flinn	Dayton
Daniel Lee Florea, B.Sc.	Dayton
Barbara Jo Dickinson Foley	Harrisville
April Lynn Ford	Carrollton
Diana Craft Ford	Kettering
Eileen Sophia Forrester	Columbus
Louis Steven Fourman	Columbus
Clarence Neal Fox	Lebanon
David Lee Fox	Convoy
Debrah Joan Fox	Ashland
Judy Anne Fox (cum laude)	Marion
Gayle Frager	Cleveland
Judy Lee Frager	Cleveland Heights

* Also Bachelor of Arts, College of Arts and Sciences

Gail Elizabeth Fredericks.....	Worthington
Mary Dunlap Fried.....	Columbus
Jeanne Ellen Friedberg.....	Miami Shores, Fla.
Arlene Lee Friedman.....	Cleveland
Libby Frada Friedman.....	East Orange, N. J.
Linda Eisenstein Friedman (summa cum laude).....	Chicago, Ill.
Stephanie Ruth Friedman.....	University Heights
Cathy Sue Frisby (cum laude).....	Camp Springs, Md.
Carol Ann Fritsche.....	Columbus
Deborah Fay Fry.....	Cuyahoga Falls
Thomas Roger Fry.....	Akron
Karen Mae Fryer.....	Washington C. H.
Pamela Elizabeth Gall.....	Lexington, Ky.
Elizabeth Ellen Games.....	West Union
Jacquelyn Lea Gardner.....	Washington, D. C.
Leslie Joyce Garland.....	Amherst
Geraldine Mae Garsh.....	Columbus
Renee Sue Garson.....	Cleveland
Diana Gartner.....	Little Neck, N. Y.
Carol Ann Gehrke.....	Cleveland
Mary Susan Gennett.....	Canton
Jeanne Marie Gerds.....	Columbus
Linda Crane Gernhardt.....	Columbus
Gail Gertner.....	Columbus
Darlene Joy Gibson.....	Cambridge
Philip Jay Giessler.....	Van Wert
Sandra Jean Gilbert.....	Lodi
Ralph Douglas Gillum.....	New Albany
Joy Heller Giuliano.....	Newark, N. J.
Barbara Bernstein Goldman.....	Wantagh, N. Y.
Myrna Weatherbee Goldsberry.....	Columbus
Sharon Antonia Golke (cum laude).....	Fairview Park
Donna Ruth Goodman.....	Columbus
Georgette Goodman.....	Columbus
Mary Ellen Gordon.....	Shaker Heights
Pamela Gordon.....	Staten Island, N. Y.
Pamela Gayle Gordon.....	Columbus
William Thomas Gordon.....	Lima
James William Gore.....	Cincinnati
Barry Thomas Gould.....	Lima
Marcia Gould.....	Detroit, Mich.
JoAnn Louise Graf (cum laude).....	Mansfield
Sandra Kay Graham.....	Urbana
Nina Doreen Greenberg (cum laude).....	Hillside, N. J.
Marcia Leslie Greene.....	University Heights
Victor Stanley Griffin.....	Newark
Diana Leigh Groce.....	Coshocton
Barbara Sue Grohoski.....	Kettering
Patricia Marie Grucella.....	Akron
Rickie Sue Grunden.....	Celina
Jane Ann Gumble.....	Columbus
Barbara Ann Gutterman.....	Beachwood
Nathan Guttman.....	Columbus
Elizabeth Ann Hall.....	Ashtabula
Lucinda Ann Hall.....	Sylvania
Julie Kay Halsey (cum laude).....	Dayton

Constance Ann Halterman.....	Urbana
Jack Lee Hamilton.....	Dover
Judith Ann Hanna.....	Lakewood
Carol Darlene Hardy.....	Columbus
Phenton Thomas Harker, B.A.....	Columbus
Jacqueline Sue Harris.....	Dayton
Sandra Hopper Harris.....	Zanesville
Joseph Dale Hartman.....	Eaton
Kimberly Hashagen.....	Willoughby
John Lowell Haueisen.....	Columbus
Melissa Marie Hawkins.....	Columbus
Charlene Carol Hayden.....	Columbus
Mary Jo Haytas.....	Cleveland
John Paul Heck.....	Carey
Kenneth Lee Hefner.....	Lima
Charlotte Ann Heistand.....	Bucyrus
Stephanie Niedecken Heitmeyer.....	Ottoville
Janet Ann Heller.....	Warren
Linda Darlene Helm.....	Columbus
Diana Claire Hendricks.....	Columbus
Bette Ann Hensley.....	Mt. Healthy
William Allen Hesse.....	Norwood
Cheryl Sue Hicks.....	Columbus
Carolyn Latshaw Hiestand.....	Columbus
Constance Blanchard Hill.....	Columbus
Cynthia Ann Hinton.....	Columbus
Edith Mary Hodge.....	Malta
Lois Jean Hoewischer.....	Sidney
Rochelle Hoffman.....	Cleveland Heights
John Lee Holcomb.....	Kettering
Melinda Lee Holskey.....	Gahanna
Victoria Jean Honeyman.....	Dayton
Ronald Ernest Hopkins.....	Columbus
Don Clayton Horne.....	Green Camp
Joan Marie Horwedel.....	Westlake
Martha Jean Houser.....	Cherry Hill, N. J.
*Elaine Marie Hovanic.....	Salem
Jane Ellen Howard.....	Lyndhurst
Susan Hettie Howell.....	Mansfield
Karen Duvall Hower.....	Ashville
Sybil Rutter Hudacko.....	Toledo
Judith Pozz Huddleston, B.A. (summa cum laude).....	Grove City
Paul Andrew Hudson.....	Columbus
Carol Ann Hughes.....	Newark
Carol Martha Huitink.....	Columbus
Leona Lou Hullinger.....	Marysville
Jean Wyeth Hume.....	London
Donna Kay Hundley.....	Eldorado
Harold Eugene Hunt.....	Midland
Susan Lynn Hurevitz.....	Phoenix, Ariz.
Ernest Eugene Hyppa.....	Mentor
Paul Howard Hysell.....	Columbus
Philip Wayne Ikehorn.....	Columbus
Joan Roberts Jackson.....	Springfield
Karen Eleanor Jackson.....	Sciotoville

* Also Bachelor of Arts, College of Arts and Sciences

Glenn Lawrence Jacobson.....Painesville
 Richard Joel Jacobson.....Mt. Vernon, N. Y.
 Barbara Taylor James.....Croton
 Cecelia Ann Jones.....Lima
 Mona Jean Jones.....Columbus
 Robert Marshall Jones.....Obetz
 Susan Virginia Jones.....Baltimore
 Jane Ellen Junker (cum laude).....Akron
 Sara Lu Kadel.....New Carlisle
 Kim Annette Kaderly.....Galloway
 Barbara Louise Kaercher.....Salem
 Marilyn Jane Kahn.....University Heights
 Robert George Kaiden, Jr.....Melrose Park, Ill.
 Marcia Linda Kamisher.....North Woodmere, N. Y.
 Barbara Ann Kanter.....Cincinnati
 Marcy Norma Kargon.....Brooklyn, N. Y.
 Marilyn Francine Katz (cum laude).....University Heights
 Barbara Jean Kaufman.....Canton
 Connie Cooper Kayser.....Mechanicsburg
 Donna Lee Kear (cum laude).....Dayton
 Jo Ann Marie Keenan.....Ashtabula
 Susan Elaine Kelchner.....Columbus
 Janet Lynn Keller.....LaRue
 Lila Susan Kent.....Columbus
 Anne Elizabeth Kercher.....Dayton
 Stephen Gray Kessler.....Columbus
 Harriet Marcia Kibel.....Hillside, N. J.
 Jean Susan Kibele.....Columbus
 Ellen Jean Kindelberger.....Cincinnati
 Jessie Watson King.....Mt. Vernon
 Kathryn Lucille Kisabeth.....Fostoria
 Karen Sue Kline.....Columbus
 Michael William Kline.....Dayton
 Phillip Arthur Kline.....Fremont
 Charles William Klipstine, III.....Sidney
 Marilyn Mae Klotz.....Lima
 Edward Joseph Korte.....Byesville
 Laura Gail Kostyo.....Campbell
 Harriette Gilda Kraut.....Little Silver, N. J.
 Penny Sue Kreinberg.....Toledo
 Donn Lee Kreutz.....Columbus
 Karl Harry Krohn.....Columbus
 Donna Lee Kroll.....Shadyside
 Susan Judith Krongelb.....Red Bank, N. J.
 Jane Swasick Krueger.....Findlay
 Judith Maureen Krugman.....Chicago, Ill.
 Karen Ann Kucich.....Eastlake
 Sherry Gasaway Kuhlman.....Columbus
 Cheryl Sandra Kushner.....Shaker Heights
 Elaine Kusik.....West Orange, N. J.
 Robert Gene Laderman.....Mansfield
 Mary Eileen Laird.....Columbus
 Mary Lambea.....Canton
 Jo Ann LaMuth.....Painesville
 Mary Jane Langham (cum laude).....Columbus
 Thomas Lee Lantz.....Dayton

Sue Larson.....	Columbus
James Donald Lauer.....	South Euclid
David Alvin Lawrence.....	Upper Sandusky
Melvin Leroy Leib.....	West Liberty
Patricia Elaine Lemke.....	Akron
Charles Arthur Leppert.....	Euclid
Phyllis Hahn Lester.....	East Paterson, N. J.
Edward Hugh Leventhal.....	Beachwood
Leslie Marsha Levit.....	Shaker Heights
Carol Esther Lewis.....	Columbus
Judith Elaine Lewis (cum laude).....	Columbus
Sue Anne Liedorff.....	Norwalk
Kendra K Liggett.....	Rocky River
Margaret Rose Linard.....	Portsmouth
Larry John Lininger.....	Reynoldsburg
*Connie Ann Link.....	Mt. Vernon
Linda Kathryn Lisowski.....	Cleveland
Beth Johnson Lloyd (cum laude).....	Portsmouth
Linda Chris Lolos.....	Rocky River
Sally Louise Long.....	Columbus
Jean Ann Longnecker.....	Lancaster
Roberta Margaret Loomis.....	Columbus
Karen Lee Lorenz.....	Columbus
Lana Naomi Loring.....	Somerville, N. J.
John William Loudon.....	London
Leslie Koons Louthan.....	Akron
Janet Claire Luebering.....	Cincinnati
Miroslava Luksza.....	Lorain
Nancy Elizabeth Lusk.....	Gallipolis
Raymond Carl Lynd.....	Pataskala
Joyce Bell Lyon.....	Columbus
Michel Ann Lyons.....	Columbus
Miriam Dee MacDonald.....	Elyria
Harry Delmar Mack.....	Columbus
Patricia Cryan Maddy.....	Helena
Irene Fern Maginniss.....	Mansfield
Gordon Richard Male.....	Saratoga Springs, N. Y.
James Francis Malin.....	Columbus
Elaine Margaretha Maluvius.....	Hillsdale, N. J.
Robert Lynn Mann.....	Wooster
Maxine Volchko Manton.....	Akron
Phyllis Lorraine Mara (cum laude).....	Columbus
Michele Edythe Marein.....	Cleveland
Paula Jean Margoci.....	North Olmsted
Joanne Marie Marinich.....	Barberton
Judith Ann Marsh.....	Medina
Ann Martin.....	Chillicothe
Elaine Joy Marx.....	Morristown, Tenn.
Katherine Leatrice Mason.....	Cuyahoga Falls
Dea Kay Matthews.....	Columbus
Marina Anne Maughan.....	Columbus
Charles Richmond Mayhew.....	Cincinnati
Faith Marjorie Mayhew.....	Toronto
Raymond Edward McCain.....	Circleville
Julia Ellen McCall.....	Middletown

* Also Bachelor of Arts, College of Arts and Sciences

Alan Joseph McConnell.....	Rochester, N. Y.
Nancy Elizabeth McCune.....	Columbus
Wilbert Ziegler McDaniel, Jr.....	Cleveland
Dudley Kenneth McDonald, Jr.....	Canfield
Marjorie Jean McKelvey.....	Kettering
Kenneth Carey McKinley.....	Greenfield
Pamela Stephens McWilliams.....	Short Hills, N. J.
Jo Anne Neysa Meade.....	Hamilton
Anne Medick.....	Columbus
Paula Mari Anne Meek.....	Hicksville
Frederick Meister.....	Parma
Linda Lee Merrick.....	Columbus
Sarah Vorst Meyer.....	Leipsic
Karen Ann Michael.....	Zanesville
Mira Michael.....	South Euclid
Robert Earl Michel.....	Columbus
Jean Lynn Miley.....	West Salem
Diane Miller.....	Dayton
Nancy Anne Miller.....	Columbus
Patricia Anne Miller.....	Middletown
Jackleen Bryant Milliron.....	Worthington
Carol Mary Mills.....	Marysville
Susan Jannette Miser.....	Berea
Jill Maurean Mitchell.....	Mt. Gilead
Margaret Ann Moffitt.....	West Liberty
Sharon Lynne Moffitt.....	West Mansfield
Sandra Weick Moler.....	Lima
Mary Ann Moon.....	New Philadelphia
Michael Robert Mooney.....	Columbus
Claudia Kay Moore (cum laude).....	New Carlisle
Jill Cheeseman Moore.....	Columbus
Madeleine Kay Moore (cum laude).....	Franklin
Allen Henry Moos.....	Columbus
Ruth Ellen Morganstern.....	Cleveland Heights
Sara Denton Morris.....	Delaware
Barbara Jean Morrison (cum laude).....	Columbus
Sandra Lee Moser.....	Dalton
Beatrice Summerlin Muir.....	Wooster
Barbara Beckert Munder.....	Canton
Sharlee Doyle Murphy.....	Westerville
Paul Joseph Napierala.....	Toledo
David Andrew Nedoh.....	Barberton
Beverly Ann Neff.....	Arcanum
Carole Lynn Negulici.....	Canton
Marla Rae Neighbarger.....	Mt. Vernon
Gary Eugene Nesser.....	Columbus
Frances Ann Netting, B.A.....	Worthington
Randi Cassell Neurman.....	Cincinnati
Barbara Lynn Newmark.....	Shaker Heights
Beverly Jo Nierenberg.....	Dayton
Karen Duncan Nordholt.....	Tiffin
Mary Anne Norrocky.....	Columbus
Miranda Ellen Northrup (summa cum laude).....	Howell, Mich.
Sandra Kay Norton.....	Newark
Susan Elizabeth Nott.....	Columbus
Diane Mary Novak.....	Cleveland

Barbara Jane O'Leary.....	Liberty, Ind.
Philip Milan Orr.....	Columbus
Phyllis Ann Ottenstein.....	Hudson
Roberta Jean Otto (cum laude).....	Columbus
Laurajean Owen.....	Euclid
Joyce Eileen Oxley.....	Fremont
Lorrie Alynn Ozer.....	Youngstown
David Eldon Palmatier, B.A.....	Medina
Mary Elizabeth Pansing.....	Marietta
Barbara Jean Parr.....	Cuyahoga Falls
Nancy Lee Parr (summa cum laude).....	Columbus
Linda Jean Patterson.....	Sebring
Loretta Ann Paullin.....	Jeromesville
Elizabeth Jeanne Pavlish.....	Independence
Saundra Lee Pearl.....	Shaker Heights
Susan Ilene Pels.....	Chicago, Ill.
Ruann Ernst Pengov (summa cum laude).....	Raleigh, W. Va.
Judith Anne Penzone.....	Columbus
Laurie Sue Pesselman.....	Beachwood
Thomas Howard Petersen.....	North Ridgeville
Rebecca Ann Peterson.....	Wilmington
Charity Lyn Petrie.....	Galena
Ada Frances Peyton.....	Mansfield
Marina Anne Pica (cum laude).....	Columbus
Barbara Sue Pierson.....	Westerville
Sandra Kay Pierson (cum laude).....	Lima
Jill Helene Pillet.....	New Rochelle, N. Y.
Jane Ellen Pilotti (cum laude).....	Mt. Vernon
Stephen Norman Pinsky.....	Columbus
Connie Ann Plapp (summa cum laude).....	Hamilton
Linda Louise Plecha.....	Youngstown
Sandra Jean Pohn.....	Parma Heights
Thomas Jerry Polivka.....	West Hempstead, N. Y.
Benita Mae Pollack.....	Shaker Heights
Sandra Lynn Pond.....	Columbus
Janet Carolyn Porch.....	Lucas
Lois Stephanie Porter (cum laude).....	Boston, Mass.
Martha Reilly Poulton.....	Columbus
June Ellen Powell.....	Worthington
Sandra Lou Powell.....	Republic
William Linus Powell.....	Columbus
Bernard Michael Preamble.....	Cleveland
Linda Ann Pressler.....	Columbus
Donna Jean Probst.....	Columbus
Johnny James Provcí.....	Rockford
Rita Jane Rabinowitz.....	Pittsburgh, Pa.
Trudy Ellen Randall.....	Tustin, Calif.
Elaine Susan Rapoport.....	University Heights
Rochelle Joy Rapoport.....	University Heights
William Arnold Rasey, III.....	Dayton
Laura Cheryl Rauss.....	Cleveland Heights
Cynthia Hope Rayvis.....	Miami, Fla.
Richard Corbett Reed.....	Baltimore
Nancy Jo Reich.....	Akron
Sandra Sue Reisinger (cum laude).....	Columbus
Sue Frances Remy (cum laude).....	New Holland

Richard Norman Renn, B.A. (cum laude)	Marion
Carol Ann Rice	Canton
Jacquelyn Lee Rice (cum laude)	Cambridge
Roberta Sue Rice	Parma
Beverly Ann Rising (cum laude)	Columbia Station
Elizabeth Faye Robbins	Middletown
Deanna Marie Robertson	Malvern
Malcolm Jeffrey Robertson, B.A.	Hamilton
Karen Sue Robins	Columbus
Susan Rodin	Queens Village, N. Y.
William Thomas Roemer	Toledo
John Edward Rogers	Columbus
Kenneth Eugene Rogers	Newark
Linda Lou Ronald	Louisville
Penelope Louise Rose	Zanesville
Elaine Jo Rosen	Trotwood
Nancy Jean Rosenblum	Utica, N. Y.
Gail Fellman Ross	South Euclid
Joanne Roth	Marion
Carol Friedman Routman	Neponsit, N. Y.
Sara Jane Rowland	Lake Forest, Ill.
Lynn Dodson Rowley	Lima
Eleanor Frances Rubinow (cum laude)	University Heights
Dennis Emerson Rudd	Lakewood
Linda Ann Rudisill	New Vienna
Susan Ellen Rudolph	Belle Harbor, N. Y.
Rosemarie Theresa Ruggiero	Cleveland
Jean Ann Runner	Sandusky
Barbara Lee Ryan	Steubenville
Patricia Frances Ryerson (cum laude)	Grove City
Ruth Rzepka	Cleveland Heights
John Russell Saad	Tiffin
Carole Arlene Safer	Youngstown
Joan Cheryl Salkin	Mayfield Heights
Richard David Salo (cum laude)	Lakewood
Mary Gleich Salser	Columbus
Tobie Sigall Sanders (summa cum laude)	Akron
Jay Harmon Sanford	Columbus
Jane Ellen Sault	Scarsdale, N. Y.
John William Schaller, Jr.	Newark
Sandra Lee Schechner	Westbury, N. Y.
Kathleen Louise Scherer	Columbus
Sarah Pope Schleder (cum laude)	Columbus
Richard Carl Schlub	Springfield
Sandra Katherine Schmader (cum laude)	Canton
Margot Carol Schultz	Worthington
Brenda Kaye Schwall (cum laude)	Woodsfield
Sandra Sharon Seftel	Manhasset, N. Y.
Bonnie Rose Seidman	Louisville, Ky.
Elizabeth Cheslock Seitz	Stow
Suzanne Seitz	Lima
Kay Eileen Senften	Middletown
Margaret Marie Shaffer	Van Wert
Patricia Pontius Shaffer (cum laude)	Wauseon
Eileen Theresa Sheff	Cincinnati
Lynn Frances Sherman	Youngstown

Carol Gurevitz Shkolnik.....	Columbus
Karen Lynn Shoots.....	Bellefontaine
Charlotte Marie Shrader.....	Granville
Barbara Louise Shrock.....	Barberton
Edith Marie Shrum.....	Youngstown
Sheryl Lynn Shulty.....	Canton
Ilene Sue Siegel.....	Cincinnati
Ruby Yvette Simpson, B.A.....	Columbus
Cathy Lou Singer.....	Columbus
Patricia Rase Sipl.....	Minford
Karen Marie Skalski.....	Euclid
Sue Ellen Skillicorn.....	Bedford
Howard Smallwood.....	Columbus
Diane Elaine Smith.....	Maumee
Gayle Frances Smith.....	Worthington
James Bryant Smith.....	Columbus
Jerry Allen Smith.....	Wapakoneta
Susan Marie Smith.....	Parma
Suzanne Marie Smith.....	Kettering
Sally Ann Snyder.....	Wooster
Barbara Ann Soldathos.....	Cleveland
Karen Speranza.....	Cleveland
Stephen Craig Spicer.....	Circleville
Richard Frank Spiegle.....	North Randall
Judith Ann Spiers.....	Columbus
Daniel Alexander Spies.....	Columbus
Julie Ann Spira (cum laude).....	University Heights
Laurel Suzanne Spott.....	University Heights
Joe David Spurlock.....	Oak Hill
Terrence Frank Srsen.....	Cleveland
Marie Aleana Stack.....	Lorain
Joan Arlene Stanbery.....	Rocky River
Donna Karen Stanley.....	Columbus
Linda Jeanne Stannard.....	Wellington
Margaret Van Derzee Stansbery.....	Columbus
Diane Esther Stauber.....	Toledo
Sue Ann Steffens.....	Columbus
Richard Lee Stegmiller.....	Columbus
Sharon Richwine Steinberger.....	Columbus
Barbara Rochelle Stern.....	University Heights
Joyce Ellen Sternberger.....	Shaker Heights
Connie Sue Stewart (summa cum laude).....	Columbus
James Kail Stewart.....	Columbus
Patty Jean Stewart.....	Columbus
Kathleen Marie Stitz.....	Akron
*Sue Ellen Stocker.....	Mansfield
Eileen Catherine Stokes.....	Lakewood
Samuel Edward Stone.....	Columbus
Clyde Stanley Strayer.....	Elida
Elizabeth Marie Strojny.....	Cleveland
Mary Edward Sullivan.....	Columbus
Sandra Lee Surface (summa cum laude).....	Waynesville
Jane Survis.....	Pittsburgh, Pa.
Carol Scheule Sutherland.....	Woodstown, N. J.
Valerie Florence Sutter.....	New York, N. Y.

* Also Bachelor of Arts, College of Arts and Sciences

Carol Bredewater Swanson.....	Circleville
Stephen Robert Swartz.....	Elba, N. Y.
Gary LeRoy Sweitzer.....	Hubbard
Bonnie Stavig Taylor.....	Grove City
Sharon Kay Taylor (cum laude).....	Columbus
Kae Comiskey Terrell.....	Lorain
Bonnie Margaret Tetelman.....	Lyndhurst
Jean Louise Theiss.....	Salem
Ann Marie Thomas.....	Columbus
*Arleen Ann Thomas.....	Williamsport
Sylvia Jane Thomas.....	Lima
Deirdre Arden Thompson.....	Columbus
Barbara Joanne Thorson.....	Toledo
Jeanette Marie Throne.....	Port Clinton
Diane Lynnette Tilton.....	Warren
Loren Keith Tinapple.....	Akron
Mary Tomlinson.....	Columbus
Barbara Ann Touby.....	Mansfield
Susan Elizabeth Tournay.....	Kettering
John Wesley Tracy, Jr.....	Cleveland
Sharon Neff Troendly.....	Columbus
Cornelia Cooperider Tully.....	Somerset
Lyndell Parry Turner.....	Columbus Grove
Terilyn Carol Turner (cum laude).....	Fort Lauderdale, Fla.
*Dorothea Miller Tyree.....	Philadelphia, Pa.
Karen Uhlig.....	Columbus
Donna Louise Underhill.....	Shelby
Roger William Valentine.....	Alliance
Karen Eileen Valtman.....	Parma
Robert Julian Vanderau, Jr.....	Columbus
Dennis B. Van Eman.....	Venedocia
Annette Kay Veits.....	Warren
Frank Salvatore Virzi.....	Warrensville Heights
Jane Elaine Vollrath (cum laude).....	Marysville
Essie Sargent Vrooman.....	Marion
Janet Louise Wacker.....	Mt. Vernon
Ann Marie Wald.....	North Olmsted
Nancy Jane Walker.....	Worthington
Cheryl Anne Wallar.....	Columbus
Vivian Arlene Walter.....	Lima
Eunice Mannette Ward.....	Kenosha, Wis.
Linda Ann Warner.....	Ashville
Barbara Jean Waters.....	Rocky River
Helen Bally Waters.....	Columbus
Evelyn Ruth Waterstone.....	Louisville, Ky.
Elizabeth Marie Watson.....	West Jefferson
Teresa Heaser Weagant.....	Columbus
Craig Martin Weaver.....	Columbus
Ronald Eugene Weber.....	Columbus
Robyn Lurie Weinberg.....	Columbus
Barbara Lynne Weiner.....	Cleveland
Lesley Epstein Weiser.....	University Heights
Stephen Edward Weissman, B.A. (Kenyon College).....	Columbus
Sara Jane Wellman.....	Geneva
Norma Blanche Wells.....	Springfield

* Also Bachelor of Arts, College of Arts and Sciences

Sandra Kay Whalen.....	Cincinnati
Bonnie Jean Whaley.....	Bucyrus
Judith Ann Wharton.....	Columbus
Barbara Yvonne Wheeler.....	Sidney
Carole Genette White.....	Marion
Jill Harriet White.....	Merrick, N. Y.
Marjorie Ann White.....	Warwick, N. Y.
Paul Frederick White, B.A.....	Columbus
*Sandra Jeanne White.....	Columbus
Louise Karen Whitis.....	Newark
Sandra Fay Wien.....	Cleveland
Dennis Joseph Wilcox.....	Columbus
Jean Anne Wilcox.....	Fairview Park
Jeannie Marie Wilhelm.....	Columbus
Mary Kay Willacker.....	Galion
Barbara Marie Willhelm.....	Cincinnati
Karon Sue Williams.....	Columbus
Marilyn Ruth Williams.....	Marysville
Sandra Lee Williams.....	Euclid
Shirley Elaine Wilson.....	Batavia
Virginia Louise Wilson.....	Newark
Marshall Winger.....	Beachwood
Jerry Lee Wircenski.....	Elyria
Louise Wittenmyer.....	Dayton
Anita Louise Wolf.....	Loudonville
Annette Rose Wolf.....	Valley City
Marilyn Patricia Wolf.....	Cleveland
Carolyn Kay Wood.....	Columbus
Sheryl Ann Wood.....	Circleville
Jane Milliken Woodard.....	New Carlisle
Marlene Mossberger Woodfill.....	Columbus
Steffanie Ann Woodruff.....	Worthington
William Hunt Woods.....	Maumee
Michael Dennis Woolf.....	Wapakoneta
Nancy Jeanne Wunderlich (cum laude).....	Columbus
Ruth Ellen Wynkoop.....	Lorain
Terri Colleen Wyss.....	Columbus
Stanley Marvin Yabroff.....	Euclid
Robert Ernest Yaeger.....	Springfield
Susanne Marie Yates.....	Salem
Ronald Michael Yobe (summa cum laude).....	Hubbard
Judith Marie Youngman.....	Toledo
Robert Edward Zadrozny.....	Seven Hills
Michael Zassenhaus, B.A.....	Worthington
Eugene Zayac.....	Parma
Sally Ann Zelenka.....	Akron
Susannah Hardesty Zieg.....	Indianapolis, Ind.
Terry Lee Ziesmer.....	Springfield
Carol Sue Zoref.....	Belle Harbor, N. Y.
Leni Freda Zucker.....	Louisville, Ky.

* Also Bachelor of Arts, College of Arts and Sciences

Bachelor of Fine Arts*(Thirty-six candidates)*

George Andrew Anderson, II.....	Akron
Joanne Lynn Beale.....	Cuyahoga Falls
Charles Jackson Boren.....	Columbus
John David Brenneman.....	Elida
Grier Fredric Buterbaugh.....	Elyria
Roy Nicholas Camillo.....	Cleveland
Robert Calvin Carr.....	Dayton
James Ralston Clark.....	Columbus
Richard Franklin Cotterman.....	Sidney
John Alan Dunlap.....	Sidney
Stephen William Edkins.....	Columbus
Richard Burch Eiber.....	Cuyahoga Falls
Eric Stephan Fidler.....	University Heights
Billie Jean Fisher.....	Newark
Carol Gene Hammerman.....	Highland Park, Ill.
Janette Carol Jones.....	Cleveland
Sandra Yee-Lok Lee.....	Hong Kong
Beverly Jane Lewis.....	Mineral Ridge
Ann Lynette Lindsay.....	Columbiana
Estelle Sharon Lyons.....	University Heights
Roger C Metz, Jr.....	Mansfield
Barbara Jo Miller.....	Worthington
Sharon Gail Molar.....	Lancaster
Dale Harriet Mosesson.....	South Euclid
Robert Maunder Parry.....	Cleveland Heights
Lynn Beth Perry.....	Chappaqua, N. Y.
Judith Ann Ray.....	Akron
Donald James Rebele.....	Pittsburgh, Pa.
Thomas William Robinson.....	Cadiz
Robert Rodrigues, III.....	Columbus
Nancy Anne Siegelman.....	Cincinnati
Sharon Louise Simashkevich.....	Amherst
David Lee Summers.....	Columbus
Harry Vest.....	Springfield
Charles Arthur Wells.....	Painesville
Lauren Rae Werling.....	Columbus

Bachelor of Music*(Eight candidates)*

Marcia Ann Ady.....	Woodsfield
Brian Robert Gatchell.....	Mt. Vernon
Marilyn Louise Hall.....	Oxen Hill, Md.
Nancy Ellen Herman.....	Willowick
Samuel Duncan James.....	Springfield
Elizabeth Kelly Keister.....	Blanchester
Thomas James Ryan, Jr.....	Columbus
William Curtis Shontz.....	Cleveland

College of Engineering

Dean: Harold A. Bolz

Bachelor of Aeronautical and Astronautical Engineering *(Twenty candidates)*

Richard Eugene Anderson.....	Newark
William Lamont Bargar.....	Youngstown
George Alexander Bobula.....	Olmsted Falls
Vernon Harlan Broomall, Jr.....	Salem
Patrick Robert Carroll.....	Newark
Kenneth Merle Dunn (cum laude).....	Georgetown
Richard David Dyer, Jr.....	Grove City
Franklin Charles Gerken.....	Hamler
Daniel Charles Hughes.....	Mt. Vernon
Marc Owen Kloner.....	Akron
Paul William LeBlanc.....	Sunman, Ind.
Jimmy Paul Maxwell.....	Fairborn
James Michael McDonough.....	Mechanicsburg
Peter Ludwig Meitner.....	Columbus
William James Morrow (cum laude).....	Toronto
David John Nicol.....	Fairview Park
Jon Thomas Prendergast.....	Rocky River
Robert Edsel Rapp.....	Beaver
William Dons Schwerin.....	Hilliard
David John Wagner (summa cum laude).....	Canal Fulton

Bachelor of Agricultural Engineering *(Four candidates)*

Walter Eugene Bywater.....	Marysville
Steven James Campbell.....	Columbus
James Neal Doyle.....	South Vienna
Dennis Roy Myers.....	Kansas

Bachelor of Ceramic Engineering *(Thirteen candidates)*

Norman Douglas Belcher.....	Dayton
Paul Elvin Buchanan.....	Rockford
Rodney Burr Clark.....	Columbus
**Charles Henry Drummond, III (summa cum laude).....	Maumee
Brian James Dundon.....	Chagrin Falls
Philip Louis Gravengaard, Jr.....	Toledo
John Ashley Keitch.....	Dover
Beverly Ann Kimble.....	Zanesville
David Alan Kirk.....	Waynesburg
Robert Philip Munz.....	Cleveland
James Robert Platte.....	Sandusky
Emilio Domenico Spinosa.....	Columbus
Fred Ernest Svekric.....	Euclid

Bachelor of Chemical Engineering *(Eleven candidates)*

Raymond Antoine Foisset.....	Mansfield
Richard Dean Haberkost.....	Cuyahoga Falls
Frederick Carleton Kerscher.....	Cuyahoga Falls

**** Also Bachelor of Science in Physics, College of Engineering and Master of Science. Graduate School**

Gerald Maurice Lehmann.....	Columbus
Richard Thomas Linak.....	Bay Village
Faramarz Nazem.....	Teheran, Iran
William Culver Pontius.....	Cleveland
James William Sebert.....	Dayton
Allan Wesley Strong.....	Euclid
Joseph Eugene Suhrie.....	North Lima
Joseph Louis Taraba.....	Columbus

Bachelor of Civil Engineering

(Nineteen candidates)

James Francis Bir.....	Fairborn
Nelson Clayton Blue.....	Walhonding
Gary Lawrence Cordrey.....	Cincinnati
Michael Willard Cozatt.....	Troy
Thomas Eugene DeVoe.....	Rittman
William Joseph Dudleson.....	Mt. Sterling
John Hardin Erion, Jr.....	Columbus
William Henry Fair.....	Cincinnati
Richard Eugene Herriott.....	Kirkersville
Jimmy Lee Hess.....	Columbus
Jon Dewey Kingsley.....	Peninsula
Robert William Knapp.....	Columbus
Richard Allen LaRocco.....	Canton
Bruce Michael Merry.....	Lima
Orton Cash Misel.....	Cambridge
Robert Eugene Parker.....	Kingston
Thomas Raymond Rampe.....	Lima
*Robert Emmett Roche, Jr.....	Celina
Gary Leroy Wilson.....	Flushing

Bachelor of Electrical Engineering

(Forty-two candidates)

Robert Homer Bates.....	Mt. Gilead
Leonard John Busch.....	Rumson, N. J.
Robert Jack Crall.....	Greenwich
Philip D'Angelo.....	Valley Stream, N. Y.
Robert Kenneth Faud.....	Lyndhurst
John Bruce Frost.....	Poland
Carl Leslie Gleason.....	Lima
Mordechai Granot.....	Ramat Gan, Israel
Larry Allen Halbach.....	Dayton
Raymond Nicholas Hayden, B.S. in F.P.A. (Kent State University)	Garfield Heights
Richard Marlin Hunter.....	Warren
David Earl Keck.....	Cleveland
David George Kellogg.....	Ashland
Robert Floyd Knapp.....	Cleveland Heights
Robert Allen Landthorn.....	Columbus
Philip Lee Long.....	Stow
Leslie Eugene Mace.....	Van Wert
William Charles Phillips, Jr.....	Bedford
Allan Ralph Plage.....	Brooklyn, N. Y.
*James Edwin Randall (summa cum laude).....	Uhrichsville
Craig Weston Robb (summa cum laude).....	Columbus
Richard James Robbins.....	Columbus

* Also Master of Science, Graduate School

Robert John Robbins.....	Columbus
Michael Steven Sabback.....	Columbus
Timothy Lee Schneider.....	Lancaster
Ronald Adrian Schwartz.....	Dayton
Royce Omar Snyder.....	Antwerp
Edward Henry Stein.....	Columbus
David Edwin Stetson.....	Lucas
Richard Clyde Stevens (cum laude).....	Columbus
Robert Raymond Swank.....	Dayton
David Ladd Swigert.....	Cincinnati
*Louis Stephen Toth.....	South Bend, Ind.
Lester Allen Wagner.....	Navarre
*Kenneth Andrew Wallace (cum laude).....	Walhonding
Harold Theodore Weeter, Jr.....	New Matamoras
William Timothy Weisert.....	Columbus
James Carl Williamson.....	Wauseon
Jack Albert Wilson.....	Elyria
George Walter Wood.....	Columbus
Stephen Eric Wren (summa cum laude).....	Worthington
Leo Ford Young.....	Cincinnati

Bachelor of Industrial Engineering

(Twenty candidates)

Paul Nathaniel Aley.....	Youngstown
Robert Ronald Bash.....	Lynchburg
Michael James Cavotta.....	Cleveland
Charles Eugene Craig (summa cum laude).....	Canton
Stephen Ray Cyphers.....	Phillipsburg, N. J.
Harvey Marshall Goldstein.....	Rochester, N. Y.
John Brown Harrison.....	Parma
Jeffrey Lee Kramer.....	University Heights
Dietrich Horst Lannert.....	Cleveland
Daniel Milton Light.....	New Richmond
Marshall William McCorkle.....	Bellaire
Peter David Nealing.....	Ocala, Fla.
Thomas Matthew Oleksy.....	Euclid
Michael Carl Orazen.....	Euclid
Bill Porter Peyton.....	Columbus
Robert Michael Polk.....	Parma
David Michael Shiffer.....	Miamisburg
*Robert Henry Westinghouse.....	Worthington
Darron Wissinger.....	Columbus
Gary J. Yeater.....	Ashland

Bachelor of Mechanical Engineering

(Thirty-three candidates)

Lawrence John Bergman.....	Maria Stein
David Brande.....	Tel-Aviv, Israel
Robert Lee Brundrett.....	Troy
Arturs Janis Caune.....	Lakewood
Bruce Gilbert Clark.....	Berea
Ronald William Cole.....	Painesville
Stephen Paul Cremean.....	Columbus
John Michael Csokmay (cum laude).....	Warren
Arye Donde.....	Kiryat, Israel
James Lewis Finefrock.....	Robertsville

* Also Master of Science, Graduate School

Howard Samuel Goldsberry.....	Chillicothe
Edward Allen Katkic.....	Elyria
Gary Leo Kinzel (summa cum laude).....	Bremen
Michael Reed Kline.....	Sandusky
William John Lynch.....	West Farmington
Teddy Lon Maddox.....	Mason
Gerhard Maroscher.....	Columbus
Donald Paul Martin.....	Genoa
Jerry Lee Mauch.....	Lima
Robert Redding McConnell.....	Louisville, Ky.
James Thomas McVey.....	Leesburg
Robert Tracy Morrison.....	Wooster
Michael Thomas Panich.....	Willoughby
Paul Mohr Rowley.....	Columbus
Dennis Edward Schnipke.....	Delaware
David Reed Schnirel.....	Cincinnati
Gerald Charles Shumaker.....	DeGraff
Donald Eugene Smith.....	Delphos
Daniel Paul Soehnen, B.Sc. in Dairy Tech.....	Canton
Daniel Steven Spillman.....	Columbus
David Gary Spro.....	Shelby
Gary Wayne Woodward.....	Barnesville
Raymond Hughes Woodward.....	Columbus

Bachelor of Metallurgical Engineering

(Five candidates)

Alan Lane Adams.....	Elyria
Robert Edward Baeumel.....	Wapakoneta
Joel Robert Chambers.....	Columbus
William Chu.....	Mt. Clemens, Mich.
Daniel Thomas Cotton, Jr.....	Pearl River, N. Y.

Bachelor of Science in Physics

(Five candidates)

**Charles Henry Drummond, III (summa cum laude).....	Maumee
Alex Steven Dula, Jr.....	Dayton
Paul Richard Fournier.....	Short Hills, N. J.
Rodney Lee Heckaman.....	Kettering
Willard Huston Leslie (cum laude).....	Columbus

Bachelor of Welding Engineering

(Thirteen candidates)

Lawrence Allan Boros.....	Cleveland
John Dale Bowman.....	Clarksville
Walter Wayne Canary.....	Grove City
Richard Leroy Carla, B.S. in Met.E. (University of Pittsburgh)	Natrona Heights, Pa.
Ronald David Focht.....	Waynesfield
John Robert Kelley.....	Columbus
James Franklin King.....	Kenton
Richard Arthur LaFave.....	Columbus
Jack William McGrew.....	Willoughby
Robert Marvin Meierhoff.....	Duluth, Minn.
Charles Louis Schmidt.....	Cincinnati
Cecil Carl Wristen (cum laude).....	Columbus
Harold Richard Zumbrun.....	Troy

** Also Bachelor of Ceramic Engineering, College of Engineering and Master of Science, Graduate School

School of Architecture

Bachelor of Architecture

(Twenty-seven candidates)

Ronald Adrian Aten.....	Greenville
James William Baas.....	Columbus
David George Burns Beaver.....	Mansfield
Gary Douglas Cannella.....	Brentwood, N. Y.
Nelson Randolph Cragg, Jr.....	Cincinnati
Eric Neil DeLony.....	Cleveland
John James Diamond.....	Columbus
John Grauduss.....	Dayton
Leonard Elias Grossman.....	Clifton, N. J.
Donald Robert Hoover.....	Sunbury
William Lee Huffman.....	Lima
Fred Byron Kibbey.....	Marion
Judith Lee Kitchen.....	Columbus
Roger Allen Kramer.....	Garfield Heights
Frank Paul Marinace.....	Centerport, N. Y.
Carolyn Ann McCown.....	West Portsmouth
George Raymond Pressler, III.....	Portsmouth
Richard Allan Rauh.....	Columbus
Anthony Clayton Rounds.....	Dayton
Robert Giffen Shepherd.....	St. Clairsville
Henry John Sherowski.....	Center Rutland, Vt.
Harold Marion Shrock, Jr.....	Columbus
John Richard Stegmiller.....	Columbus
Ronald Arthur Strohm.....	Gahanna
Ronald James Trick.....	Dayton
Robert Joseph Vennemeyer.....	Cincinnati
William Fredricke Yarger.....	Dayton

Bachelor of Landscape Architecture

(Three candidates)

Gary Lee Larson.....	Copley
Roger Stuart Moser.....	Orrville
William Ellis St. Clair, Jr.....	Newark

College of Law

Dean: Ivan C. Rutledge

Juris Doctor

(One hundred and forty-nine candidates)

John Reed Allen, B.B.A. (Ohio University)	Zanesville
James Edward Anderson, B.S.C. (Ohio University)	Northfield
Fred Joe Badger, B.A. (Kent State University)	Akron
Gerald Lee Baker, B.A. (Bowling Green State University)	Wakeman
Valentine Robert Barker, B.B.A. (University of Michigan)	Dayton
John Aden Barlow, B.Sc. in Edu. (cum laude)	Columbus
Phillip Heston Barrett, B.Sc. in Bus.Adm.	Delaware
Daniel Eckert Behrens, A.B. (Miami University)	Marysville
Robert William Blackmore, B.A.	Worthington
William Blaine Blair, A.B. (Ohio University)	Chillicothe
Donald Lawrence Bleich, B.Sc. in Bus.Adm.	Cincinnati
Kenneth Robert Boiarsky, B.Sc. in Bus.Adm.	Louisville, Ky.
Richard Lee Boylan, B.A.	Canton
Walter Charles Boyuk, B.A. (Kent State University)	Columbus
Michael Turner Brandt, B.A. (Muskingum College)	Columbus
John Edward Breidenbach, B.Sc. in Agr.	West Milton
Jerrald Allen Brown, B.A. (cum laude)	Elyria
Ted Raymond Brown, B.S. (University of Florida)	Middletown
James Russell Burkhard, B.A.; M.A. (Ohio University) (summa cum laude)	Worthington
Austin Carey, Jr., B.A. (Yale University)	West Hartford, Conn.
Betsy Brewster Case, B.A. (Wellesley College) (summa cum laude)	Columbus
John Adams Cervay, A.B. (University of Dayton)	Dayton
William Joseph Christensen, B.A. (DePauw University)	Columbus
Edward Frank Chuha, A.B. (John Carroll University)	Parma
Ted Bryant Clevenger, B.A.	Canton
Paul Hayes Coleman, B.A.	Columbus
Jack Henry Cook, A.B. (Hope College)	Delaware
Jon Michael Cope, B.A.	Worthington
Glenn Eugene Corlett, B.B.A. (Ohio University)	Cleveland
Dale Anthony Crawford, B.Sc. in Bus.Adm.	New York, N. Y.
David Lee Crawford, B.S. (Bethany College) (cum laude)	Brilliant
Harvey Franklin Crawford, III, B.S.E. in Op. (Iowa State University) (cum laude)	Sioux City, Ia.
Paul Steven Cutler, A.B. (Miami University)	Olmsted Falls
Brian B. Denton, B.A. (Michigan State University)	San Francisco, Calif.
John Patrick DiFalco, B.A.	Wintersville
David Allan Dilger, B.A.	Richwood
Jay Elliot Eckhaus, B.S. in Bus.Adm. (Bowling Green State University)	East Rockaway, N. Y.
Franklin Dean Eckstein, A.B. (Wittenberg University)	Plymouth
John Moats Elder, A.B. (Earlham College) (cum laude)	Springfield
Donald Edwin Ely, B.Sc. in Bus.Adm.	Columbus
Clifton Lucien Fenton, A.B. (Princeton University)	Bryan
Mark Donald Fishman, B.Sc. in Bus.Adm.; M.B.A. (University of California, Los Angeles)	Beachwood
James Philip Friedt, B.S. in Bus.Adm. (Wittenberg University) (cum laude)	Wadsworth

Gary Lee Froelich, A.B. (Miami University) Dayton
 Earle Rockwell Frost, Jr., B.S. in Bus. (Miami University) Cleveland
 Curtis Franklin Gantz, A.B. (Heidelberg College) Castalia
 William Rawcliffe Giesser, A.B. (Baldwin-Wallace College) .. North Olmsted
 Thomas James Gordon, A.B. (Earlham College) (cum laude) Tiffin
 Michael Proctor Graney, A.B. (Duke University) (cum laude) .. Middletown
 Steven Mark Greenberg, B.A. North Miami Beach, Fla.
 George Watt Hairston, B.B.A. (Southern Methodist University)
 (cum laude) Chesapeake
 Mark John Hanket, A.B. (John Carroll University) (cum laude)
 Columbus
 Kenneth William Hardesty, A.B. (Wheaton College) Lima
 Douglas Bruce Harper, A.B. (University of Michigan) Toledo
 George Vernon Hatfield, A.B. (Capital University) Centerburg
 George Michael Hauswirth, B.Pet.E., B.Ch.E. Elyria
 John Stanley Haynes, B.S. in Ed. (Ohio University) Elyria
 Daryl Ryan Heeg, B.B.A. (University of Cincinnati) Fairfield
 John Fisher Herman, B.A. (University of Notre Dame) ... Cuyahoga Falls
 Michael James Hickey, B.A. Granville
 John William Hoppers, A.B. (West Liberty State College) ... Mt. Vernon
 Michael Isaac Hurwitz, A.B. (University of Michigan) Sandusky
 Daniel James Igoe, B.B.A. (University of Notre Dame) Columbus
 Mark Edward Kaufman, B.A. Youngstown
 Thomas Charles Kawalec, B.S. in B.A. (University of Dayton) Parma
 Charles John Kegler, B.Sc. in Bus.Adm. (summa cum laude) Columbus
 Harry Blair Keith, A.B. (Case Western Reserve University) ... Cleveland
 Donald Francis Kelch, B.S. (Ohio University) (cum laude) Cincinnati
 Mark Dana Keller, B.A., B.Sc. in Edu. Bucyrus
 Joseph Paul Kelley, B.A. Columbus
 John William Kenesey, A.B. (John Carroll University) Cleveland
 John William Kropf, A.B. (Baldwin-Wallace College) Orrville
 Jake Arthur Larimer, A.B. (University of Michigan) (cum laude)
 Sandusky
 William Bierce Leahy, B.A. Cleveland Heights
 James Robert Livingston, B.Sc. in Agr. Urbana
 George Robert Lucas, II, A.B. (Harvard College) Columbus
 James Wallace Luse, B.S. in Edu. (Kent State University) Painesville
 James Leo Mackin, B.Sc. Columbus
 Frederick Martin Mann, B.A. Columbus
 James Joseph Marlin, B.S.C.E. (University of Akron) Cuyahoga Falls
 John Richard Marquis, B.A. (Brown University) (cum laude) ... Van Wert
 John Douglas Martin, A.B. (George Washington University) ... Lancaster
 Steven Michael Mayer, B.A. (cum laude) Vermilion
 Patrick Martin McGrath, B.A. Grand Blanc, Mich.
 Robert Malcolm McNair, B.Sc. in Bus.Adm. Columbus
 James Douglas McWilliams, B.A. (cum laude) Short Hills, N.J.
 Thomas Peter Michael, B.Sc. in Edu. Zanesville
 Richard Stretton Michaels, B.Sc. in Bus.Adm. Fairview Park
 Ronald Harold Miller, B.Sc. in Edu. (cum laude) Spencerville
 David Timothy Milligan, B.A. (cum laude) Westerville
 Robert Tavenner Millikin, B.Sc. in Bus.Adm. Cincinnati
 William Richard Montgomery, A.B. (Ohio University) Bowling Green
 Bernard Michael Murray, B.S. (Capital University) Gahanna
 Bruce Warren Neckers, A.B. (Hope College) Clymer, N. Y.
 Carter Paul Neff, B.F.A. Lakewood
 Elbert Ray Nester, B.S. in Bus.Adm. (Kent State University) (summa
 cum laude) Chesapeake

Dennis Ryan Newman, B.A. (Ohio Wesleyan University) (cum laude) Toledo

Forrest Robert Newman, B.Sc. in Bus.Adm. Portsmouth

Larry Lee Noblitt, B.B.A. (Ohio University) Port Clinton

Norman John Ogilvie, Jr., B.A. (Northwestern University) Lancaster

John William Panzer, B.Sc. in Bus.Adm. Delaware

Ronald Perey, A.B. (Miami University) (cum laude) Cleveland

Harry Winthrop Pettigrew, B.S. (University of Toledo) Toledo

Ronald Elton Plymale, B.A. Columbus

Clark Poston Pritchett, Jr., B.A. Columbus

C. Nicholas Pry, B.A. (Ohio Wesleyan University) ; M.B.A. Crestline

Carl David Rafoth, B.S. in Pharm. (University of Cincinnati) .. Youngstown

Peter Joseph Rakay, A.B. (Oberlin College) Shadyside

Thomas Keith Randall, B.B.A. (University of Hawaii) ... Honolulu, Hawaii

James Alec Reinhardt, B.S.E.E. (University of Cincinnati) Kettering

Craig Emerson Richardson, B.S. in Ed. (Miami University) Celina

Charles Nelson Ricketts, B.Sc. Springfield

James Stephen Rood, B.A. Gallipolis

Robert Mark Sanders, B.S. in Bus.Adm. (University of Akron) Akron

Alan Gibson Scheaffer, A.B. (Denison University) Columbus

Thomas Terry Schell, B.S.Ch.E. (University of Toledo) Maumee

Frederick Michael Scherma, B.A. (Bowling Green State University) Lakewood

Jerome Ralph Schindler, B.Sc. in Phar. Celina

Jon Michael Schorr, B.Sc. in Bus.Adm. (cum laude) Columbus

Dennis Allan Schulze, A.B. (Mount Union College) Alliance

Howard Fredrick Scott, B.Sc. in Bus.Adm. Cleveland

David Mark Selcer, B.A. (Northwestern University) Akron

Robert Myron Shapiro, B.A. (Pennsylvania State University) .. Steubenville

Frank Patrick Shea, B.Sc. in Bus.Adm. Columbus

William Allan Shenk, B.A. (cum laude) Columbus

Terry Smith Shilling, A.B. (Ohio University) Elyria

Robert French Sprague, B.A. (Bowling Green State University) ... Findlay

Geoffrey Stern, B.A. (summa cum laude) Columbus

Frank William Terrizzi, A.B. (Miami University) Garden City, N. Y.

John Robert Thomas, B.A. (cum laude) Springfield

James Walter Thyer, B.B.A. (Ohio University) Piqua

William Roger Thyer, B.S. in Bus. (Miami University) (cum laude) .. Piqua

George Quigley Vaile, B.A. Columbus

John Stephen VanHeyde, B.B.A. (University of Notre Dame) (cum laude) Columbus

John Charles Veney, B.A. (College of Wooster) (summa cum laude) Wooster

Stephen Douglas Walters, B.A. (Georgetown University) Elyria

Richard Belden Waugh, Jr., B.Sc. in Bus.Adm. Pittsburgh, Pa.

Stuart Gordon Weinberg, B.S. in Bus. (Miami University) Beachwood

Nelson Stuart Weine, A.B. (Miami University) Dayton

Howard Theodore Welser, Jr., A.B. (Miami University) Akron

James Wilson Wheeler, B.A. Columbus

Susan Jane Williams, B.Sc. in Edu. Columbus

Richard Alan Williamson, B.B.A. (Ohio University) (summa cum laude) Columbus

Arthur Dalton Wolfe, II, B.A.; A.M. (University of Illinois) Columbus

John Harold Wolfe, B.S.C. (Ohio University) Ironton

Kenneth Charles Wolfe, B.Sc. in Bus.Adm. Columbus

Nicholas Yonclas, B.Sc. (cum laude) Delhi, N.Y.

Richard Albert Yoss, B.Sc. (cum laude) Woodsfield

John Ledgerwood Zinkand, A.B. (Baldwin-Wallace College) Orrville

College of Medicine

Dean: Richard L. Meiling

Doctor of Medicine

(One hundred and thirty-six candidates)

James Leonard Anastasi, A.B. (Miami University)	Springfield
John Paul Anders, B.A.	Toledo
Robert Eugene Arthur, B.A. (College of Wooster)	Brewster
William Michael Leroy Asher, B.S. (United States Naval Academy)	
(cum laude)	North Royalton
John Christopher Babka, B.S. (Ohio University)	St. Clairsville
Frederick James Barry, B.A.	Columbus
Neil Henry Baum	Wooster
Robert Stephen Bausch, B.Sc.	Ross
Ralph Dennis Blose, B.A.	Mt. Gilead
Douglas Phillip Boldon, B.S. (University of Akron)	Lyons, Ore.
Larry Herbert Bowers, B.S. (Otterbein College)	Cambridge
Randall Lee Braddom, B.A. (DePauw University)	Dayton
Paula Scizak Bradnan, B.S. (Allegheny College)	Clark, N. J.
William Andrew Bradnan, B.S. (Allegheny College)	Columbia Station
Dennis Michael Briddell, B.S. (University of Dayton)	Dayton
Ellen Plummer Buerk, A.B. (Miami University)	Eaton
Nelson Bunin, B.A. (Washington and Jefferson College)	Cleveland Heights
John A. Burkhart, B.Sc.	Mansfield
Stephen Thomas Bushi, B.A.	Seven Hills
Richard Charles Cammerer, B.S. (Purdue University)	Dayton
Ronald Earl Cantor, B.A. (Northwestern University)	South Euclid
Charles Anthony Caranna, B.S. (Duquesne University)	Steubenville
Robert Louis Carolla, B.S. (Capital University) (cum laude)	Columbus
Paul Robert Carpenter, Jr., B.A. (Kent State University) (summa cum laude)	Kent
David C. Carr, A.B. (Case Western Reserve University)	Cleveland
Lawrence Michael Cibula, B.S. (University of Notre Dame) (cum laude)	Westlake
Harold Theodore Collins, B.A. (Kent State University)	Kent
Charles Harker Cook, B.S. (Otterbein College)	Oak Hill
Richard Lloyd Jones Cussler, B.A. (Yale University)	Wilmington, Del.
Stephen Lee Deardourff, B.Sc.	Greenville
Dennis William Enright, B.Sc.	Barberton
Michael Scott Fedotin, B.A. (Northwestern University)	Dayton
John Patrick Flanagan, B.Sc.	Columbus
Thomas William Forbes, A.B. (Marietta College)	Marietta
Mark Henry Frankel, B.A. (Washington and Jefferson College)	Cleveland
Janet Ann Freno, B.S. (University of Akron)	Barberton
John Allen Frenz, B.A. (Malone College)	Canton
Sylvia Friedman, A.B. (Case Western Reserve University)	Cleveland
Wilmer Kenichi Furuta, B.Sc.	Columbus
Michael Webster Gallagher, A.B. (Miami University)	Columbus
Thomas Clark Gay, A.B. (Wittenberg University)	Hartville
Linda Lee Gilmore, B.S. (University of Toledo)	Toledo
Jay Richard Goldstein, A.B. (Case Western Reserve University)	

Shaker Heights

John Sidney Goodenow, B.S. (Ohio University)	Columbus
Kenneth Stephen Graff, B.S. (Rollins College) (cum laude)	Chesterland

James Davies Rice, B.Sc.....	Ashland
Gary Martin Rich, B.A.....	New Philadelphia
William Denny Robertson, B.Sc.....	Akron
Gary Leigh Rogers, B.S. (Bethany College).....	Steubenville
Alan Norman Rucket, A.B. (Case Western Reserve University).....	Akron
James Herbert Rutherford, A.B. (Harvard University).....	Mt. Vernon
James Joseph Rybak, B.S. (University of Notre Dame) (cum laude)	Cleveland
Edward William Sachs, III, B.S. (University of Dayton).....	Dayton
Herbert Allen Scaer, B.S. (Valparaiso University).....	Van Wert
Raymond John Scheetz, Jr., B.A.....	Youngstown
Harvey William Schefsky, B.Sc. in Agr.; M.S. (University of Wisconsin)	Blanchester
Bruce Owen Schieneman, B.S. in Bus. (Miami University)....	Worthington
Robert Walter Selfe, Jr., B.A.....	Columbus
Philip James Shaver, III, B.S. (Purdue University).....	Columbus
Roger Howard Sherman.....	Fairborn
Kendall Arthur Smith, B.S. (Denison University) (summa cum laude)	Akron
Roger Kirkman Smith, A.B. (Case Western Reserve University)....	Akron
William Nicholas Sokol, Jr., B.A.....	Akron
Homer Phillips Stall, Jr., B.S. (University of Toledo) (cum laude)	Norwalk
John Gerald Stefkow, B.Sc.	Campbell
Lee Steinfurth, A.B. (Case Western Reserve University).....	Youngstown
William Montgomery Stitt, A.B. (Miami University).....	Findlay
Edward Jay Tapper, B.S. (Hobart College).....	Cleveland
Robert William Telzrow, B.S. (Xavier University).....	Cleveland
Robert Lee Thompson, B.A.....	Piqua
George Edward Toma, B.A. (Ohio Wesleyan University).....	Cleveland
Peter John Utrata, B.Sc.....	Chillicothe
Michael Allen Wanchick, B.A. (Kent State University).....	Ravenna
Geoffrey Ames Wardwell, A.B. (Denison University) (summa cum laude)	Akron
Michael Andrew Wasylik, B.Sc.....	Dover
James Earl Watson, B.S. (Ohio University).....	Dayton
Richard Albert Weaver, B.A.....	Bedford
Joseph Aloysius Weingates, III, B.Sc.....	Fostoria
Ralph Jay Weinstein, B.Sc.....	Bronx, N. Y.
Ronald Lloyd Whisler, B.S. (Ohio University).....	Laurelville
Frederick Joseph Wiecher, B.S. (Ohio University).....	Delphos
Elzworth Chester Wiesenmayer, Jr., B.Sc. (cum laude).....	Wapakoneta
Cole Bradford Willoughby, B.A.....	St. Marys
Robert Donald Wirtz, B.A.....	Cincinnati
Claire Rendar Wolfe, B.Sc.....	Hillside, N. J.
John Sohn Wolfe, II, B.Sc.....	Dayton

School of Allied Medical Professions

Bachelor of Science in Medical Dietetics

(Thirteen candidates)

Beverly Jay Chodd.....	Chicago, Ill.
Anne Elizabeth Coble.....	Richmond, Ind.
Mary Ellen Dickerson.....	Worthington
Nancy Hermene Kander.....	Toledo
Shirley Anne Maynard.....	Columbus
Farah Riz Moavenzadeh.....	Westerville

Linda Claire Ramerman.....	Lakewood
Pamela Jeanne Riley.....	Dayton
Bonita Jean Steel (cum laude).....	Shadyside
Clare Ellen Stewart.....	Columbus
Marianne Tingler.....	Akron
Janet Marie Vencel.....	Cleveland
Margaret Evans Wolf.....	Mechanicsburg

Bachelor of Science in Medical Illustration

(Three candidates)

Priscilla Rogers Jenks.....	Columbus
Dean Richard Lindsay.....	Richwood
Nancy Brown Schadt.....	Youngstown

Bachelor of Science in Medical Technology

(Seven candidates)

Janet Bieber.....	Cleveland
Patricia Ann Connelly.....	Columbus
David Wayne Lashley.....	Columbus
Paula Jean Schnitzer.....	Chagrin Falls
Beverly Brown Smith.....	Bay Village
Joanne Rae Spitler.....	Willshire
Janet Kay Wilson.....	Beverly

Bachelor of Science in Occupational Therapy

(Two candidates)

Kathleen Dalmy Megown.....	Columbus
Elayne Beverly Moline.....	Chicago, Ill.

Bachelor of Science in Physical Therapy

(Thirty-eight candidates)

Georgia Joanne Bahas.....	Canton
Laraine Antoinette Bauer.....	Sandusky
Julie Brooks.....	Mystic, Conn.
Judy Kay Cooper.....	Utica, N. Y.
Carolyn Sue Corn.....	Ironton
Katherine Murphy Cromb.....	North Canton
Brenda Baertsche Crowe (cum laude).....	Dunkirk
Marsha Gale Dawley.....	Gahanna
Patricia Elaine Fisher.....	Zanesville
Judith Ann Gorczyca.....	Columbus
Marcia Louise Griffiths (cum laude).....	Lyndhurst
Nancy Copeland Grim.....	Springfield
Janet Eileen Harbauer.....	Perrysburg
Mary Lou Brown Henderson.....	Kenova, W. Va.
Katherine Ann Hull.....	Greenfield
Diane Rebecca Katz.....	Cleveland Heights
Katherine Langen Lautermilch.....	Mechanicsburg
Sarah Elizabeth McCormick.....	Dayton
Elaine Ellen Myers.....	Ashtabula
Marcia Catherine Painter.....	New Philadelphia
Lorraine Ordell Parker.....	Parma
Martha Cardwell Rader.....	Ironton
Jennifer Cantrell Radike.....	Cleveland
Nancy Davis Ringenburg.....	Rocky River
Judith Lynn Rupel.....	Elida
Linda June Saurers (cum laude).....	Orrville
Carolyn Roberta Schlueter.....	Rocky River

Rose Ellen Schwartz	Carroll
Nancy Welsh Sell	North Lima
Joan Pollack Shea	Columbus
Mary Smith	Wilmington
Shirley Ann Spencer	Worthington
Jean Lois Staffilino	Mingo Junction
Marja Petronella Stuimer	Westlake
Ellen Elizabeth Sturm	Solon
Richard Lawrence Violand, Jr.	East Palestine
Linda Rose Wardlow	Westerville
Lynn Elaine Williams	Alexandria, Va.

Certificate of Nurse Anesthetist

(One candidate)

Betty Louise Nogle	DeGraff
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School of Nursing

Bachelor of Science in Nursing

(Eighty-nine candidates)

Brenda Kaye Arn	Kenton
Cherryl Elizabeth Bailey	Bay Village
Margaret Ann Bandlow	Lakewood
Patric Mary Bauer	Columbus
Mary Frances Baxter	Bedford
Judith Mary Becker	Lima
Susan Diane Bernath	Columbus
Christie Lee Berner (summa cum laude)	Norwalk
Barbara Mary Boeker	Toledo
Karen Rae Born	Columbus
Ellen Preston Brigden	Euclid
Sharon Sue Broomhall	Columbus
Christine Lynn Brown	Columbiana
Penelope Bogart Cardona	Lima
Sondra Cleo Carothers	Niles
Arlene Cohen	Akron
Bonita Christine Collins	Cleveland
Paula Elizabeth Dennis	Cleveland
Joan Elizabeth Doyle	Columbus
Cathy Lee Dunlap	Columbus
Veronica Dziuba	Jefferson
Ellen Flo Eicher	Evansville, Ind.
Sue Ann Engelauf	Dayton
Susan Cox Evans (summa cum laude)	Akron
Nancy Ann Fargo	Columbus
Patricia Redmond Fischer	Columbus
Martha Jones Fraley	Columbus
Margaret Sue Gambol	Mentor
Janet Marie Gerstner	Alexandria, Va.
Joan Ellen Geyer	Marion
Pamela Sue Giles	Lancaster
Joan Marie Grabenstetter	Valley City
Vicky Marie Grossman	Upper Sandusky
Nancy Wilcher Guldin	Zanesville
Teresa Harrod Hall	Harrod
Gertrude Ann Henry	Piedmont

Deanna Koenig Hoadley.....	Venedocia
Carol Tschantz Holec.....	Cuyahoga Falls
Kathleen Ann Hunyadi.....	Canton
Ann Elizabeth Ivers.....	Delaware
Barbara Ann Jeffery.....	Toledo
Judith Ann Jordan.....	Fairview Park
Tamara Louise Kaufman.....	Cuyahoga Falls
Shirley Smith Keckley.....	Columbus
Cheryl Susan Kliot.....	Cleveland
Marilyn Ann Kuhel.....	Euclid
Celia Ann Lackey.....	Chagrin Falls
Sally Ann Lambert.....	Cleveland
Constance Ann Light.....	Bucyrus
Lucille Shirley Lombardi.....	Lyndhurst
Karen Lynne Longhenry.....	Columbus
Lois Anne Loucks.....	Dayton
Judith Allen Maxson (cum laude).....	Chillicothe
Karen Ruth Mayer.....	Columbus
Janet McCarley McCluer.....	Springfield
Constance Elizabeth McNaughton.....	Bellaire
Jane Richardson Miller.....	Youngstown
Patricia Ann Miller.....	North Olmsted
Susan Helen Miller.....	Bowling Green
Charold Lee Morris.....	New Philadelphia
Barbara Bush Munson.....	Marion
Janet Adele Newby.....	Middletown
Joan Rebecca Parrot.....	Worthington
Carole Louise Prichard.....	Columbus
Janet Evans Prowant.....	Elida
Patricia Louise Radler.....	Mansfield
Marsha Kay Robinson.....	Washington C. H.
Mary Margaret Rodocker.....	Zanesville
Lois Easton Root.....	Marysville
Sandra King Sahr.....	Westerville
Carol Ann St. Pierre.....	Dayton
Susan Bonner Sarvis.....	Cleveland Heights
Ruth Ann Shoemaker.....	Gahanna
Carol Sue Shultheis.....	Kettering
Helen Anne Sibert.....	Columbus
Lizabeth Ulmer Smith.....	Alliance
Joyce Elaine Stanek.....	Euclid
Earlene Ruth Starnner.....	Dresden
Susan Strong.....	Gahanna
Julie Anne Stuckey.....	Newark
Debra Kay Temple.....	Columbus
Roseann Gedeon Thannum.....	Cleveland
Patricia Anne Volden.....	Bay Village
Jean Ann Walter.....	Columbus
Pamela Daneal Ward.....	Cuyahoga Falls
June Carol Wash.....	Cincinnati
Barbara Joan Wepler.....	Wooster
Lura Elizabeth Yoder (cum laude).....	Hartville
Wayne E. Yutzy.....	Plain City

College of Optometry

Dean: Frederick W. Hebbard

Doctor of Optometry

(Thirty-five candidates)

Lawrence Jay Barger, B.Sc.....	Cuyahoga Falls
Rodney Wayne Bellows, B.Sc.....	Grant, Mich.
James Cooke Bieber, B.Sc. in Opt.....	Columbus
Carl Chester Carter, II, B.Sc.....	Miami, Fla.
David Morgan Dreffer, B.Sc. in Opt.....	Montpelier
Adrian Peter Ebben, B.S. in Med.Tech. (Saint Norbert College) ; B.Sc.	
	Little Chute, Wis.
Mark William Eger, B.Sc.....	Coraopolis, Pa.
Howard M. Eisernoff, B.Sc.....	Cleveland
Louis Peter Ellen, B.Sc.....	Toronto
David Wright Evans, B.Sc.....	Steubenville
Harvey Paul Fishman.....	University Heights
Charles Miley Glanville.....	Cuyahoga Falls
Kenneth Leon Gortz, B.Sc.....	Euclid
Conrad Douglas Hauptert.....	New Philadelphia
John Charles Heiby, B.Sc.....	Sulphur Springs
Gail Cleon Herron, Jr.....	Salem
Charles Vernon Holland, B.S. (North Carolina College at Durham) ..	Elyria
Gary Alferd Hyde, B.Sc. in Opt.....	Bristolville
Joshua Ellis Josephson, B.Sc.....	Toronto, Ont., Canada
Robert Floyd Jozwiak (cum laude).....	Toledo
Robert Harold Kasik, B.Sc.....	Maple Heights
Donald Brooks Kelly, B.Sc.....	Erie, Pa.
David Bruce Kull, B.S. (Otterbein College).....	Worthington
Arnold Patrick LaGraff.....	Lockport, N. Y.
Robert Prine Liggett, B.Sc. in Opt.....	Ripley
Burton Steven Markowitz, B.A. (University of Buffalo) ...	New York, N. Y.
DeVon Lew Meyer, B.Sc.....	Celina
Charles Austin Norris, B.Sc.....	Smithville
Lyle Edward Nowicki, B.Sc.....	Dayton
William Charles Philbrick, B.Sc.....	Flint, Mich.
Robert James Rowe.....	Cleveland
Richard Fredrick Rule.....	Lansing, Mich.
David Lenaurd Smith, B.Sc., B.Sc. in Opt.....	Lancaster
Gerald Troy, B.S. in Pharm. (University of Cincinnati)	Cincinnati
Craig Frederick Willoth.....	Rochester, N. Y.

College of Pharmacy

Dean: Lloyd M. Parks

Bachelor of Science in Pharmacy

(Forty-four candidates)

Phillip Charles Brooks.....	Mantua
Robert William Burdick (summa cum laude).....	Chardon
Gaylene Sheryl Byers.....	Canton
Ronald William Coberly.....	Youngstown
Steven Lewis Davis.....	Wapakoneta
Gregory Byrle Drake (summa cum laude).....	Pleasant City
Richard David Emmons, Jr.....	Copley
Gunta Ezis.....	Findlay
Nicholas Ferencz.....	Cleveland
Robert Alan Hall.....	Worthington
Susan Ida Harris.....	Rocky River
Paul Eugene Herring.....	Van Wert
Gary Bash Hoar.....	Utica
William Henry Hohman.....	Kent
Glenn Arthur Honert.....	Lima
Edward Allen Jergens.....	Dayton
Suzanne Vogt Kaiser.....	Kettering
Lawrence Kaufman, B.Sc.....	Cleveland
Richard LeRoy Keegan.....	Clyde
David Lee Kohler.....	Orrville
David Alan Kotzin.....	Wilmette, Ill.
Harvey Sanford Krieger.....	Lyndhurst
Roger David Laughlin.....	Eastlake
James Aloysius Logue, Jr.....	Columbus
Danny Joe Lycans.....	Grove City
Gary Patrick Mangini.....	Columbus
Charles Barry May.....	Akron
Sharon Kay Monroe (cum laude).....	Canton
Gary Leonard Mort.....	East Palestine
Donn Edwin Neurman.....	Charleston, W. Va.
Robert Manlet Notley.....	Elyria
George Douglas Porter.....	Gratiot
Elizabeth Ann Prout (cum laude).....	Columbus
William Howard Puckett, Jr.....	Waukegan, Ill.
Cora Jane Ross (summa cum laude).....	Waynesburg
Joseph Richard Sabino, Jr.....	Columbus
Mark Donald Senff.....	Wooster
John Richard Siddle.....	Columbus
Michael Terry Smith.....	Canton
John Joseph Stock.....	Steubenville
Paul Grayson Taylor.....	Bedford
David Michael Turshon.....	Maple Heights
Allan Frank Weber.....	Rittman
Anthony Paul Yohman.....	Lorain

College of Veterinary Medicine

Dean: Clarence R. Cole

Doctor of Veterinary Medicine

(Seventy-nine candidates)

Karl Patterson Achenbach, B.S. (Kent State University) Burghill
Frederick Russell Adams, B.S. in Agr. (West Virginia University)

Keyser, W. Va.

Larry Gene Adkins..... Hilliard

Carl Leslie Alden..... Wilmington

Ames Fortner Allen, B.S. (Mount Union College)..... Salem

Ronald Charles Banning, B.S. (University of Delaware)..... Milton, Del.

Jonathan Jacob Bernstein, B.S. (Cornell University)..... Youngstown

Allen Roy Bryant, B.S. in Agr. (West Virginia University)

Morgantown, W. Va.

Thomas Jeffery Burke..... Cincinnati

Joseph Walter Clutter, B.Sc. in Agr..... Sardinia

Douglas Martin Coatney..... Cincinnati

Lyndon Halle Conrad, Jr..... Hubbard

Donald Benjamin Cromer, B.S. in Agr. (West Virginia University)

Durbin, W. Va.

Thomas Michael Cummins..... London

Russell Lee DeVore..... Winchester

Larry Eugene Dickey..... Hebron

Barbara Abrams Dolgan, A.B. (Hiram College)..... Norfolk, Va.

Richard Noel Flinn, B.Sc. in Agr..... Piqua

Thomas Warren Fox..... Springboro, Pa.

Frank Nicholas Gluhm, II..... Hamilton

John Charles Gordon..... Kenton

Roger Edison Gussett..... Lancaster

Robert Louis Hein, B.Sc. in Agr.; M.S. Fisheries (University of Michigan)

Dayton

Thomas Edward Hickey..... Wichita, Kan.

Gene Earl Hofacre, B.Sc. in Agr..... Dalton

Joan Mary Hurley, B.Sc. in Agr..... Cincinnati

Gerald Francis Johnson, B.Sc. in Agr..... Perrysburg

Grant Kizer Johnson..... North Lewisburg

Richard Dennis Klingensmith..... Leavittsburg

Richard Clarence Knight..... Cortland

Michael Lee Kovsky, B.Sc. in Agr..... Youngstown

Joseph Anthony Kropp..... Cincinnati

Jay Daniel Kuhlman..... Cincinnati

Francis Walter Lux, Jr..... Shelby

David Lee McDonald..... Circleville

Lewis Rockwell McLaren..... Cincinnati

Michael Jerome Miller, B.S. in Agr. (West Virginia University)

Wheeling, W. Va.

Daniel Joseph Montag..... Loveland

Ronald Lee Montgomery, B.Sc..... Chillicothe

George Bryan Nyland..... Jefferson

Carl John Ollila..... Jefferson

Theodore George Panhuis..... Chagrin Falls

Frank Steven Pipers, B.Sc..... Rego Park, N. Y.

James Alan Popp (summa cum laude)..... Lexington

Martti Antero Putkonen.....	Fairview Park
James Roger Ronk.....	Fredericktown
David Bruce Royer, B.S. (McPherson College).....	Canfield
Donald Edwin Sanders.....	Waynesfield
Judith Sauerbrei Sanders.....	Lancaster
Thomas Edward Saurer.....	Rittman
Larry Keith Sautter.....	Galion
Thomas Joseph Schiefer, II.....	Perrysburg
Harold Eugene Schraw.....	Hillsboro
Thomas Walter Shriver, B.S. in Agr. (West Virginia University)	
	South Charleston, W. Va.
Robert Isreal Slobody.....	Cleveland Heights
Robert Edward Smatt, A.B. (Miami University).....	Cleveland
Ralph Deane Smith.....	Zanesville
Warren Eugene Snead.....	Waynesville
*Rufus Allen Sparks.....	Warren
Lester Joe Starcher.....	Arnoldsburg, W. Va.
William Thomas Sternecker.....	Medina
Donald Walter Strattman.....	Cincinnati
David Robert Stroshine.....	Oregon
Robert August Stuhlman.....	Cincinnati
Dennis Howard Swenson.....	Dublin
James Jay Syler, B.Sc. in Agr.....	Dalton
Walter Ronald Threlfall.....	Prospect
Charles Hugh Tracy.....	Columbus
William Lee Trouten.....	Euclid
Daniel Edward Ulmer.....	Bucyrus
Ralph Lewis Urmson.....	Rogers
Richard Julius Vago, B.A. (Kent State University).....	East Cleveland
Victoria Lea Voith.....	Columbus
Michael Allan Wansky.....	Columbus
Earl Daniel Wolf.....	Xenia
Michael Wolland, A.B. (Dartmouth College) (cum laude)	
	Golden Beach, Fla.
Stephen Harpster Yost.....	Circleville
David Michael Zimmerman.....	Euclid
Royden Scott Zinn, III.....	Newberne, W. Va.

* Also Bachelor of Science in Agriculture, College of Agriculture and Home Economics

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THE OHIO STATE UNIVERSITY
OFFICIAL PROCEEDINGS OF THE
ONE THOUSAND AND THIRTY-SECOND MEETING
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 13, 1968

The Board of Trustees met at its regular monthly meeting on Thursday, June 13, 1968, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: John G. Ketterer, Acting Chairman, Frederick E. Jones, Mervin B. France, James W. Shocknessy, William C. Safford, and John H. Dunlap.

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The Acting Chairman, Mr. Ketterer, introduced the new member of the Board of Trustees, Mr. John H. Dunlap, Williamsport, Ohio, who was appointed by Governor James A. Rhodes, to succeed Mr. Stanley C. Allyn, for the term beginning May 14, 1968 and expiring May 13, 1977.

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Minutes of the last meeting were approved.

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As the senior member of the Board of Trustees present, Mr. John G. Ketterer served as Acting Chairman in the absence of the Chairman, Mr. John W. Bricker, who was not present because of illness, and in the absence of the Vice Chairman, Dr. Bertram D. Thomas, who was unable to attend because of a previous commitment.

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Budgets for the 1968-1969 Fiscal Year

President Fawcett presented the following statement pertaining to the recommended budgets for the 1968-1969 fiscal year:

Each year the presentation to the Board of Trustees of the annual operating budget of The Ohio State University provides me with an opportunity to review briefly the past year and to project some new developments for the next. In a complex institution of the magnitude of Ohio State, often the central thrust of its programs is obscured by incidents that are more dramatic. In full perspective, however, the 1967-1968 academic year has been one of marked accomplishment, and the next one is, indeed, filled with promise.

The quality and effectiveness of our research effort continue to grow. The goal to establish chairs and professorships has been enlarged during the past several months with a number of significant gifts. Academic reorganization, one of the most massive efforts of a major university to organize itself better for the attainment of its objectives, has progressed since January 1, 1968, to the point that each of our new colleges has begun to function as a unit.

The budgets for 1968-1969 are in balance. They reflect the new academic reorganization and have been based upon academic plans developed by the new academic units. New programs specifically aimed at improving the quality of undergraduate education have been developed in several colleges--most notably the College of Biological Sciences and the College of Education.

The crucial task of utilizing technology in the instructional process has been approached through two major developments in 1967-1968. A new Office of Learning Resources to coordinate University efforts in this field has been established and the budgets for 1968-1969 reflect new unified plans for the future development of the University Libraries, the Listening Center, Telecommunications, Teaching Aids, Photography, and other related areas.

A second major resource addition is the new "Third Generation" computer to be installed during 1968-1969 in the Systems Engineering Building. Planning for the installation and utilization

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1968-1969 Fiscal Year (continued)

of this equipment has been under way for several years, and the arrival of the "hardware" next year will provide the University with significant new capabilities in instruction and research.

The facilities of the University have been keeping pace with the growth in quality of the faculty and student body. The Office of Business and Finance and the Office of Campus Planning have dealt with construction and space problems throughout the year and have done so with significant success. Many units of the College of Engineering and the entire College of Pharmacy have occupied new facilities. While the capital needs of the University continue unabated, progress continues to be made. The budgets for 1968-1969 are designed to continue the academic growth of The Ohio State University in concert with the needs of the times.

With this background of information, President Fawcett presented for consideration by the Board of Trustees a continuation budget proposal involving all of the current budgets for the operation of The Ohio State University for the fiscal year 1968-1969:

The budgets for 1968-1969 for The Ohio State University represent the first complete budget document here based upon the new "program budgeting" technique. The methodology in use at Ohio State has proved highly successful and is being studied by a number of universities and state educational systems for possible adoption. The technique includes a statistical treatment based upon economic and work load factors to produce a "continuation budget" plus a qualitative analysis of proposals from each subdivision of the University to produce budgets for new and improved programs.

The total current funds budget for the University for 1968-1969 envisions expenditures of \$163,112,910.00. The estimated expenditures in 1967-1968 are \$144,849,450.00. The \$144,849,450.00 represents an increase of \$7,931,730.00 over the June 8, 1967 budget estimate of \$136,917,720.00. This increase is all in Restricted Funds and Auxiliary Operations in which expenditures are adjusted to reflect changes in income. Major changes were in the University Hospital (up \$5,205,000.00), Auxiliary Operations (up \$1,307,000.00), Dormitories (up \$1,625,000.00), Athletics (up \$81,000.00), Conferences (up \$25,000.00), Gifts and Grants (down \$520,000.00). The 1968-1969 expenditures include certain changes in accounting practices which now show Student Fee Waivers as an expense of \$3,390,000.00. Also included are new budgeted activities, such as the Development Fund and the Photography Laboratory in the amount of \$394,300.00, and the total Student Services Budgets which include the amount of \$1,126,000.00 previously identified as Student Facilities account.

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1968-1969 Fiscal Year (continued)

Therefore the estimated net increase in expenditures in 1968-1969 over 1967-1968 is \$13,353,160.00, or about 9.2%. These increases reflect mandated and other salary increases for non-faculty staff, merit increases for faculty members which will increase average faculty salaries by slightly under six percent, and increased costs of supplies and equipment due to continued inflationary pressures. New and improved programs include new academic units in public administration, natural resources, and plant pathology; greatly expanded instruction and research computer capacity through the acquisition of "third-generation" equipment, and a variety of special programs to deal with educational problems in urban areas.

It is recommended that the following current expenditure budgets for the operation of The Ohio State University for the fiscal year 1968-1969 be approved:

<u>General Budget</u>	<u>\$ 85,937,089.00</u>
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Personal Service	
(inc. retirement)	\$61,560,258.00
Operating	12,079,708.00
Equipment	2,695,807.00
Improvements	1,124,921.00
Student Services	2,380,000.00
*Student Fee Waivers	3,390,000.00
Research (special	
purpose)	543,650.00
All Other	<u>2,162,745.00</u>

<u>Branch Budgets</u>	<u>\$ 2,635,273.00</u>
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<u>Restricted Budgets</u>	<u>\$ 15,703,548.00</u>
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Endowments	\$ 525,000.00
Federal Grants	10,500,000.00
Ohio Grants	1,050,000.00
Private Gifts and	
Grants	2,300,000.00
Mershon Center for Edu-	
cation in National	
Security	300,000.00
Development Fund	278,548.00
Conferences	750,000.00

*Now required by state accounting procedures to be shown as expense offset by income; previously shown only as reduction in income.

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budgets for the 1968-1969 Fiscal Year (continued)

<u>Rotary and Auxiliary Accounts</u>	<u>\$ 58,837,000.00</u>
Cooperative Extension Service	\$ 7,000,000.00
University Hospital	24,600,000.00
Dormitories	8,650,000.00
Athletics	3,310,000.00
Departmental Earnings	6,127,000.00
University Services	2,950,000.00
Other Auxiliary Enterprises	6,200,000.00
<u>Grand Total</u>	<u>\$163,112,910.00</u>

It is recommended further that the supporting statements for the foregoing summary figures which have been previously reviewed by the Board of Trustees be approved, and that the Secretary be instructed to file these detailed budget statements for the fiscal year 1968-1969 with the official records of the University.

Finally, it is recommended that the President be authorized to adjust the expenditure estimates during the fiscal year with fluctuations in income, and report such adjustments to the Board of Trustees as may be required.

Upon motion of Mr. France, seconded by Mr. Dunlap, the Board of Trustees approved the said budget for the 1968-1969 fiscal year by unanimous roll call vote.

Budget for The Ohio State University Research Foundation for the 1968-1969 Fiscal Year

It is recommended that The Ohio State University Research Foundation annual budget for the fiscal year 1968-1969 be approved in an amount not to exceed \$1,050,104.00. This budget was approved by the Board of Directors of The Ohio State University Research Foundation at its annual meeting on April 26, 1968.

Upon motion of Mr. Safford, seconded by Mr. France, The Ohio State University Research Foundation budget for 1968-1969 was approved by unanimous roll call vote.

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Establishment of a School of Physical Education in the College of Education to Replace the Department of Physical Education

As a result of a comprehensive study conducted by a Faculty Advisory Committee on the Academic Organization and Relocation of the Department of Physical Education, it was recommended that a School of Physical Education be established in the College of Education, effective July 1, 1968, to replace the current Department of Physical Education. This recommendation was endorsed by the faculty of the College of Education on April 23, 1968, the Council on Academic Affairs on May 6, 1968, and the University Faculty Council on May 14, 1968.

The essential nature of the recommendation is that the Department of Physical Education be reorganized and established as a School with appropriate academic sub-units with provisions for the development of a single coordinated faculty which shall be responsible for teaching, research, and service in physical education, health education, and recreation. Although the Department of Physical Education has not been a direct administrative unit of the College of Education, there has been a close and long-term relationship with the College of Education through which all of the Department's curricula and course materials have been approved.

This recommendation is submitted to the Board of Trustees for approval in the belief that such a coordinated academic unit is essential for the long-term development of a viable physical education program within the University.

Upon motion of Mr. Dunlap, seconded by Mr. France, the Board of Trustees approved the above recommendation by unanimous voice vote.

C. Change the Name of the Department of Air Science to the Department of Air Force Aerospace Studies

The Council on Academic Affairs approved a proposal and forwarded it to the Faculty Council for action on May 14, 1968, requesting that the name of the Department of Air Science be changed to the Department of Air Force Aerospace Studies, effective July 1, 1968. This request has been appropriately coordinated with the Department of Aeronautical and Astronautical Engineering of the College of Engineering.

It was recommended that the above action of the Faculty Council be approved.

Upon motion of Mr. Shocknessy, seconded by Mr. France, the Board of Trustees approved the above recommendation by voice vote with five members voting affirmatively and one member voting negatively.

June 13, 1968 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Establishment of the "Earl M. Tilton Professorship in Mechanical Metallurgy"

President Fawcett indicated his great pleasure in recommending the establishment of the "Earl M. Tilton Professorship in Mechanical Metallurgy," in the Department of Metallurgical Engineering, effective for the 1968-1969 academic year. A gift in the amount of \$100,000.00, payable at the rate of \$10,000.00 each year for a period of ten years, has been committed by the Forging Industry Educational and Research Foundation of Cleveland, Ohio, in cooperation with Mr. David E. Tilton, Treasurer and General Manager, Columbus Forge and Iron Co., to establish this "Named Professorship" with the understanding that \$5,000.00 per year is designated for the salary of the "Tilton Professor" and an additional \$5,000.00 per year for support of his activities in mechanical metallurgy.

This "Named Professorship" is to honor Earl M. Tilton, President and Chairman of the Board of Columbus Forge and Iron Co., Columbus, Ohio, and is in accordance with the policy adopted by the Board of Trustees on January 14, 1965.

Upon motion of Mr. Safford, seconded by Mr. France, the Board of Trustees by unanimous roll call vote approved the establishment of the "Earl M. Tilton Professorship in Mechanical Metallurgy."

E. Establishment of a Department of Anesthesiology

On June 4, 1968, the Faculty Council with the endorsement of the Council on Academic Affairs approved the proposal of the faculty of the College of Medicine that a Department of Anesthesiology be established, effective October 1, 1968.

As a result of the relationship of anesthesiology to the several academic departments within the College of Medicine, the establishment of this new department will provide a much greater degree of flexibility in relating the anesthesiology program across the entire structure of the College. The general objectives of the department include broadening the educational opportunities for all students in the health professions, developing broader research efforts, and maintaining the excellent patient care now provided in the present program.

It was recommended therefore that the Board of Trustees approve the proposal to establish a Department of Anesthesiology.

Upon motion of Mr. Jones, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

I. GENERAL RECOMMENDATIONS (continued)

F. Establishment of a Department of Computer and Information Science

At the request of the faculty in the area of Computer and Information Science and with the support of the faculty of the College of Engineering, the Council on Academic Affairs at its meeting on May 22, 1968, approved a proposal to establish the Department of Computer and Information Science in the College of Engineering, effective October 1, 1968. This proposal was subsequently approved by the Faculty Council on June 4, 1968.

This proposed new academic department will offer a broad spectrum of courses at the undergraduate and graduate degree levels in a well-defined academic endeavor which has become recognized internationally as an appropriate scientific discipline. The department will be staffed with full-time faculty holding regular appointments and will have the necessary qualifications to provide excellent instructional, research, and educational service programs in this rapidly developing discipline.

It was recommended therefore that the Board of Trustees approve the proposal of the Faculty Council to establish a Department of Computer and Information Science.

Upon motion of Mr. Shocknessy, seconded by Mr. Jones, the Board of Trustees approved the above recommendation by unanimous voice vote.

G. Change in Name of the Department of Photography to the Department of Photography and Cinema

On June 4, 1968, the Faculty Council, with the endorsement of the Council on Academic Affairs, approved the request from the College of Engineering that the Department of Photography be changed to the Department of Photography and Cinema.

The present designation does not reflect the full scope of the existing instructional, research, and professional programs. At the present time there are seventeen members of the faculty engaged in the area of motion picture (cinema) work and fourteen with still photography. These faculty members in presenting the six-year program goals for the department documented the need for including both photography and cinema in the department name if the department is to achieve academic and professional distinction at a national and international level.

It was recommended therefore that the Board of Trustees approve the proposed change in name of the Department of Photography to the Department of Photography and Cinema, effective July 1, 1968.

Upon motion of Mr. Dunlap, seconded by Mr. Shocknessy, the Board of Trustees approved the above recommendation by unanimous voice vote.

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June 13, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES

President Fawcett recommended that all personnel changes since the May 9, 1968 meeting of the Board, as recorded in the official "1967-68 Salary Roll" of the University and the personnel changes including promotions in rank as shown in the official "1968-69 Salary Roll" of the University, be approved by the Board. These changes included the following Promotions, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

James G. Martin from Assistant Dean of the College of Arts and Sciences to Associate Dean of the College of Social and Behavioral Sciences, effective July 1, 1968, at a salary of \$17,568.00 per annum. He will hold the academic rank of Associate Professor in the Department of Sociology.

Keith Brooks from Professor in the Department of Speech to Professor and Chairman in the Department of Speech, effective October 1, 1968, at a salary of \$20,008.00 per annum.

Donald D. Glower from Professor in the Department of Mechanical Engineering to Professor and Chairman in the Department of Mechanical Engineering, effective July 1, 1968, at a salary of \$23,088.00 per annum.

Harold T. Luce from Acting Director of the School of Music to Director of the School of Music, effective June 1, 1968, at a salary of \$18,168.00 per annum. Dr. Luce will continue to hold the academic rank of Associate Professor in the School of Music.

Aldrich Syverson from Professor in the Department of Chemical Engineering to Professor and Chairman of the Department of Chemical Engineering, effective July 1, 1968, at a salary of \$21,768.00 per annum.

B. Appointments

William M. Johnson, Assistant Dean - College of Veterinary Medicine, effective July 1, 1968, at a salary of \$17,568.00 per annum.

Warren W. Eason, Professor, Department of Economics, effective October 1, 1968, at a salary of \$19,728.00 per annum.

June 13, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointments (continued)

James D. Harrison, Professor, College of Dentistry, effective October 1, 1968, at a salary of \$19,248.00 per annum.

Stanley K. Laughlin, Jr., Professor, College of Law, effective October 1, 1968, at a salary of \$16,128.00 per annum.

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Pauline G. Hall, Associate Professor (Extension Nutritionist), effective July 1, 1968 through August 31, 1968, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

Anita R. McCormick, Associate Professor (Assistant State Leader, Home Economics), Cooperative Extension Service, effective June 1, 1968 through January 15, 1969, to participate in a program of professional improvement at North Carolina State University.

Jean Currey, Assistant Professor, School of Nursing, effective July 10, 1968 through June 30, 1969, to participate in a project of program instruction at the University of Wisconsin.

Ronald C. Sheck, Assistant Professor, Department of Geography, effective October 1, 1968 through September 30, 1969, to continue to engage in research in Guatemala.

Charles I. Archer, Instructor (Area Extension Agent), Cooperative Extension Service, effective June 1, 1968 through June 30, 1968, to participate in a program of professional improvement at Colorado State University.

G. Wayne Burkhart, Instructor, Cooperative Extension Service, effective July 1, 1968 through June 30, 1969, to participate in a program of professional improvement at The Ohio State University.

June 13, 1968 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Gloria D. Cleland, Instructor, Cooperative Extension Service, effective July 1, 1968 through August 31, 1968, to participate in a program of professional improvement at the University of Maryland.

Robert B. Lewis, Instructor, Cooperative Extension Service, effective July 1, 1968 through June 30, 1969, to participate in a program of professional improvement at North Carolina State University.

John D. Rohrer, Instructor, Cooperative Extension Service, effective July 1, 1968. (Military Leave)

Barbara J. Thomson, Instructor, College of Education, effective October 1, 1968 through September 30, 1969, to finish work on her Ph. D.

E. Emeritus Titles

George T. Harding, Sr., Department of Psychiatry, with the title Clinical Professor Emeritus, effective July 1, 1968.

Robert W. Haws, College of Education, with the title Professor Emeritus, effective September 1, 1968.

Upon motion of Mr. Safford, seconded by Mr. Shocknessy, the Promotions, Appointments, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, Promotions in Rank, and the personnel budget actions as recorded in the official "1968-1969 Salary Roll" of the University were approved by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. GENERAL CONTRACTS AND AGREEMENTS

A. The Ohio State University and The Ohio State University Research Foundation

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the research agreements for the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a1. Department of Navy, Office of Naval Research, Washington, D. C. ,
Conducting a Course of Instruction in Navy Price Analysis (to be
known as Office of Naval Research Project No. 1086 - Amend. #17 -
College of Administrative Science, Division of Continuing Education).
Gross Value - \$12,573.00.
- a2. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - National Heart Institute,
Bethesda, Maryland, Factors Determining Cardiac Output in Man
(to be known as National Institutes of Health Project No. 1254-G -
Ext. #7 - Department of Medicine).
Gross Value - \$19,376.00.
- a3. Department of Health, Education, and Welfare, Public Health
Service - Health Services Administration, Bureau of Disease
Prevention and Environmental Control, Bethesda, Maryland, Milk
Protein Changes at Elevated Temperature (to be known as Health
Services Administration, Bureau of Disease Prevention and Envi-
ronmental Control Project No. 1264-G - Ext. #7 - Department of
Dairy Technology).
Gross Value - \$22,497.00.
- a4. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - National Cancer Institute,
Bethesda, Maryland, Spontaneous and Experimental Endometrial
Carcinoma (to be known as National Institutes of Health Project
No. 1281-F - Ext. #6 - Department of Pathology).
Gross Value - \$16,310.00.
- a5. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - National Institute of Neuro-
logical Diseases and Blindness, Bethesda, Maryland, Chemical
Studies of Stimulated Retina (to be known as National Institutes of
Health Project No. 1575-E - Ext. #5 - College of Biological Sciences).
Gross Value - \$48,188.00.
- a6. Department of Health, Education, and Welfare, Public Health
Service, National Institutes of Health - National Institute of Neuro-
logical Diseases and Blindness, Bethesda, Maryland, Neuro-
Respiratory Reflexes (to be known as National Institutes of Health
Project No. 1627-E - Ext. #5 - Department of Psychiatry).
Gross Value - \$20,609.00.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a7. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Cancer Institute, Bethesda, Maryland, A Study Circulating Cancer Cells in Peripheral Blood and Bone Marrow (to be known as National Institutes of Health Project No. 1845 - Sup. #7 - Department of Pathology).
Gross Value - \$30,000.00.
- a8. U. S. Atomic Energy Commission, Argonne, Illinois, Analysis of Glaciological Data Obtained on the Casement Glacier, Southeast Alaska, 1965-1967 (to be known as U. S. Atomic Energy Commission Project No. 2017 - Mod. #3 - Institute of Polar Studies).
Gross Value - \$12,926.00.
- a9. Department of Health, Education, and Welfare, Public Health Service - Health Services and Mental Health Administration, National Center for Chronic Disease Control, Bethesda, Maryland, Mechanism of Death in Acute Myocardial Infarction (to be known as Health Services and Mental Health Administration Project No. 2018-C - Ext. #3 - Department of Medicine).
Gross Value - \$36,661.00.
- a10. Department of Health, Education, and Welfare, Public Health Service - Health Services and Mental Health Administration, National Center for Urban and Industrial Health, Bethesda, Maryland, Hydrophilic Colloid Interactions in Milk Systems (to be known as Health Services and Mental Health Administration Project No. 2037-C - Ext. #3 - Department of Dairy Technology).
Gross Value - \$24,808.00.
- a11. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as National Institutes of Health Project No. 2049 - Sup. #5 - Department of Veterinary Pathology).
Gross Value - \$80,000.00.
- a12. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Heart Institute, Bethesda, Maryland, Biology of the Heart (to be known as National Institutes of Health Project No. 2058-C - Ext. #3 - Department of Medicine).
Gross Value - \$191,934.00.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a13. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Human Temporal Bone Pathology (to be known as National Institutes of Health Project No. 2060-C - Ext. #3 - Department of Otolaryngology). Gross Value - \$23,465.00.
- a14. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Cancer Institute, Bethesda, Maryland, Acid Hydrolases in Brain and Pathological States (to be known as National Institutes of Health Project No. 2069-C - Ext. #3 - Department of Medicine). Gross Value - \$27,468.00.
- a15. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Cancer Institute, Bethesda, Maryland, Tryptophan in Neoplastic and Hematologic Disease (to be known as National Institutes of Health Project No. 2095-C - Ext. #3 - Department of Medicine). Gross Value - \$20,481.00.
- a16. National Science Foundation, Washington, D. C., Optically Active Complex Inorganic Compounds (to be known as National Science Foundation Project No. 2120 - Amend. #2 - Department of Chemistry). Gross Value - \$49,000.00.
- a17. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3, 2, 1-Bicyclic Mechanism (to be known as National Science Foundation Project No. 2152 - Ext. #2 - Department of Chemistry). Gross Value - \$43,100.00.
- a18. Agency for International Development, Washington, D. C., Technical Assistance to the Government of Ecuador in Human Resource Development and Planning (to be known as Agency for International Development Project No. 2158 - Amend. #11 - Department of Economics). Gross Value - \$65,000.00.
- a19. Department of Health, Education, and Welfare, Public Health Service - Health Services and Mental Health Administration, National Institutes of Mental Health, Bethesda, Maryland, Individual Differences and Psychologic Stress (to be known as Health Services and Mental Health Administration Project No. 2173-B - Ext. #2 - Department of Psychiatry). Gross Value - \$57,587.00.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a20. Department of Health, Education, and Welfare, Public Health Service - Health Services and Mental Health Administration, Bureau of Disease Prevention and Environmental Control, National Center for Urban and Industrial Health, Bethesda, Maryland, Engineering Properties of Farm Wastes (to be known as Health Services and Mental Health Administration Project No. 2216-B - Ext. #2 - Department of Agricultural Engineering).
Gross Value - \$22,485.00.
- a21. National Science Foundation, Washington, D. C., To Establish a Program of Information Science (to be known as National Science Foundation Project No. 2218 - Ext. #1 - Division of Computer and Information Science).
Gross Value - \$365,800.00.
- a22. Department of Health, Education, and Welfare, Office of Education, Washington, D. C., A Verbo-tonal System of Auditory Training in the Public Schools (to be known as Office of Education Project No. 2227 - Rev. #2 - Department of Speech).
Gross Value - \$38,311.00.
- a23. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Influence of Adrenal Hormones on Muscle Receptors (to be known as National Institutes of Health Project No. 2243-B - Ext. #2 - Department of Physiology).
Gross Value - \$2,850.00.
- a24. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Neurological Diseases and Blindness, Bethesda, Maryland, Brain RNA and Its Response to Environmental Events (to be known as National Institutes of Health Project No. 2251-B - Ext. #2 - Department of Psychiatry).
Gross Value - \$34,726.00.
- a25. Headquarters, U. S. Army Missile Command, Redstone Arsenal, Alabama, Land Combat Models (to be known as U. S. Army Missile Command Project No. 2376 - Mod. #3 - Department of Industrial Engineering).
Gross Value - \$61,985.00.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a26. Systems Engineering Group, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Contributive Research in the Physical and Engineering Sciences (to be known as Systems Engineering Group, Aeronautical Systems Division Project No. 2443 - Amend. #5 - Research Foundation).
Gross Value - \$32,000.00.
- a27. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Control of Thyroid Intermediary Metabolism (to be known as National Institutes of Health Project No. 2445-A - Ext. #1 - College of Biological Sciences).
Gross Value - \$20,043.00.
- a28. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Physician Manpower, Bethesda, Maryland, Exploratory Study: Factors Affecting Health Manpower (to be known as National Institutes of Health Project No. 2462-A - Ext. #1 - Department of Anatomy).
Gross Value - \$30,473.00.
- a29. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Heart Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as National Institutes of Health Project No. 2507 - Mod. #1 - Department of Medicine).
Gross Value - \$30,422.00.
- a30. National Science Foundation, Washington, D. C., Statistical Approach to Soil Engineering (to be known as National Science Foundation Project No. 2617 - New - Department of Civil Engineering).
Gross Value - \$37,900.00.
- a31. Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Investigation of the Conditions Leading to Spontaneous Ignition in Flowing Explosive Gas Mixtures (to be known as Air Force Systems Command Project No. 2618 - New - Department of Aeronautical and Astronautical Engineering).
Gross Value - \$30,000.00.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

1. Government Contracts - Federal (continued)

- a32. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Theoretical Study of V Antenna Characteristics of the ATS-E Radio Astronomy Experiment (to be known as National Aeronautics and Space Administration Project No. 2619 - New - Department of Electrical Engineering). Gross Value - \$20,998.00.
- a33. National Science Foundation, Washington, D. C., Structural Glaciology of Meserve Glacier, Wright Valley, Antarctica (to be known as National Science Foundation Project No. 2620 - New - Institute of Polar Studies). Gross Value - \$40,100.00.
- a34. National Science Foundation, Washington, D. C., Conference on Econometrics (to be known as National Science Foundation Project No. 2621 - New - Department of Economics). Gross Value - \$2,000.00.
- a35. U. S. Army, Harry Diamond Laboratories, Washington, D. C., Nature and Distribution of RF Currents on Surface of Nose Cone (to be known as U. S. Army, Harry Diamond Laboratories Project No. 2622 - New - Department of Electrical Engineering). Gross Value - \$10,000.00.
- a36. National Science Foundation, Washington, D. C., Regional Analysis of a Traditional Economy (to be known as National Science Foundation Project No. 2623 - New - Department of Geography). Gross Value - \$30,100.00.
- a37. National Science Foundation, Washington, D. C., Carbanions: Structure and Kinetics of Exchange Reactions (to be known as National Science Foundation Project No. 2624 - New - Department of Chemistry). Gross Value - \$29,000.00.
- a38. Department of Health, Education, and Welfare, Public Health Service, National Institutes of Health - National Institute of Dental Research, Bethesda, Maryland, Taxonomic Study of Cariogenic Bacteria (to be known as National Institutes of Health Project No. 2625 - New - College of Dentistry). Gross Value - \$27,729.00.

TOTAL - Government Contracts - Federal \$1,668.905.00

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

A. The Ohio State University and
The Ohio State University Research Foundation

2. Industrial and Other Contracts

- a1. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Check No. C510016 - Department of Surgery).
Gross Value - \$243.50.
- a2. The Regents of the University of Wisconsin, Madison, Wisconsin, Drug Evaluation Program of the CCNSC in the Central Region, USA (to be known as The Regents of the University of Wisconsin Project No. 1395 - Check No. C513241 - Department of Surgery).
Gross Value - \$8,184.03.
- a3. Illuminating Engineering Research Institute, New York, New York, Relation of Pupil Constriction to Discomfort Glare (to be known as Illuminating Engineering Research Institute Project No. 2532 - Ext. #1 - College of Optometry).
Gross Value - \$21,608.00.
- a4. American Cancer Society, Inc., New York, New York, Cancer Research (to be known as American Cancer Society, Inc., Project No. 2594 - New - Department of Surgery).
Gross Value - \$35,000.00.

TOTAL - Industrial and Other Contracts \$65,035.53

The foregoing forty-two contracts for research in cooperation with Government, Industry and Other represent a gross income of \$1,733,940.53.

Upon motion of Mr. Dunlap, seconded by Mr. France, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts were approved by unanimous voice vote.

B. The Report of the Research Contracts
from the Engineering Experiment Station

During the period from April 25, 1968 through May 27, 1968, the Engineering Experiment Station of The Ohio State University entered into the following research agreements. These research contracts were reported to the Board of Trustees for information and record:

1. Government Research Contracts

EES 292X	Measurement of Mechanical Stresses Using Piezo
Ext. #2	Electric Crystals, Ohio Department of Highways,
	Columbus, Ohio.
	Gross Value - \$16,675.00.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts
from the Engineering Experiment Station

1. Government Research Contracts (continued)

SC 75	Educational Facilities Charette, Office of Education, Washington, D. C. Gross Value - \$34,560.00.
W3XX	Water Resources Center Area Account, U. S. Department of Interior, Washington, D. C. Gross Value - \$25,684.00.
W120	Removal of Trace Metals from Water by Ion Flotation, U. S. Department of Interior, Washington, D. C. Gross Value - \$7,560.00.
W121	Relationship of Activated Sludge Bulking to Organic Loading, Oxygen Availability, and Hydraulic Characteristics of the Aeration Tank, U. S. Department of Interior, Washington, D. C. Gross Value - \$5,350.00.
W122	Flow Analysis of Hydraulic Connectors in Artificial Recharge Systems, U. S. Department of Interior, Washington, D. C. Gross Value - \$8,600.00.

TOTAL - Government Research Contracts \$98,429.00

2. Industrial Research Contracts

EES 243X Ext. #6	A Study of Brake Lining Characteristics, The Ford Motor Company, Detroit, Michigan. Gross Value - \$5,300.00.
EES 288X Ext. #2	A Study of V-Belts, Dayco Corporation, Springfield, Missouri. Gross Value - \$6,972.00.

TOTAL - Industrial Contracts \$12,272.00

The foregoing eight contracts for research in the Engineering Experiment
Station represent a gross income of \$110,701.00.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

C. Agreements Between the Division of Special Education - Ohio Department of Education and The Ohio State University

President Fawcett recommended that the agreements between The Ohio State University and the Ohio Department of Education, Division of Special Education, be approved for the fiscal year 1968-1969, to provide the services of two members of the faculty of the College of Education, on a part-time basis, for classroom and in-service training for teacher education in the area of Child Study Services.

It was recommended further that the President of the University and the Secretary of the Board of Trustees be authorized to sign the agreements on behalf of the University.

Upon motion of Mr. France, seconded by Mr. Jones, the above recommendations were approved by unanimous roll call vote.

D. Authorization to Execute Agreements Between The Ohio State University and the Columbus Technical Institute and The Ohio State University and the Penta County Technical College

A need for technical education programs has been clearly identified in the Mansfield and Lima areas where The Ohio State University has branch campuses. Therefore, with the encouragement of the Office of the Ohio Board of Regents, the University desires to provide appropriate two-year technical education programs in cooperation with the Columbus Technical Institute in the case of the Mansfield Campus and the Penta County (Fulton, Lucas, Ottawa, Sandusky, and Wood Counties) Technical College at the Lima Campus.

The authorization for state universities to establish such technical education programs in cooperation with technical institutes appropriately organized under the laws of Ohio is in accordance with action taken by the 107th General Assembly (Section 3357.09 (L), Revised Code of Ohio).

It was recommended therefore that the President and the Chairman of the Board of Trustees of The Ohio State University be authorized to sign:

- (1) an agreement between The Ohio State University and the Columbus Technical Institute to provide for technical education programs on the Mansfield Campus of the University to begin with the Autumn Quarter 1968 or as soon thereafter as possible; and
- (2) an agreement between The Ohio State University and the Penta County Technical College for technical education programs at the Lima Campus of the University to begin with the Autumn Quarter 1968 or as soon thereafter as possible.

June 13, 1968 meeting, Board of Trustees

III. GENERAL CONTRACTS AND AGREEMENTS (continued)

D. Authorization to Execute Agreements Between The Ohio State University and the Columbus Technical Institute and The Ohio State University and the Penta County Technical College (continued)

The above said agreements have been reviewed by the Office of the Ohio Board of Regents and the Office of the Attorney General of Ohio.

Upon motion of Mr. Safford, seconded by Mr. France, the Board of Trustees approved the above recommendation by unanimous roll call vote, and the Secretary was instructed to file the signed copies of the agreements with the official records of the University if and when they are executed.

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IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since May 9, 1968, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

A. Administered Through the Office of Business and Finance

1. \$213,339.00 granted by Department of Health, Education, and Welfare, Public Health Service, Division of Health Manpower Educational Services, Bethesda, Maryland, to the University for "Allied Health Professions Educational Improvement Program," under the direction of the School of Allied Medical Services, for the period April 15, 1968 through April 14, 1969. (Grant No. AHI-68-606 B)
2. \$173,300.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "Experienced Teacher Fellowship Program," under the direction of the College of Education, for the period January 23, 1968 through August 31, 1969. (Grant No. OEG-0-8-082183-2761 070)
3. \$105,171.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Otolaryngology and Audiology Training Grant," under the direction of the Department of Otolaryngology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 NB05397-06)
4. \$94,575.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Medicine, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 S01 FR05409-07)

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

5. \$80,613.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training," under the direction of the Department of Surgery, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 CA08110-03)
6. \$78,689.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Biomedical Sciences Support," under the direction of the Office of Research, for the period June 1, 1968 through May 31, 1969. (Grant No. 5 S05 FR07074-03)
7. \$72,294.00 granted by Department of Health, Education, and Welfare, Office of Education, Washington, D. C. 20202, to the University for "NDEA Institute for Advanced Study in English," under the direction of the College of Education, for the period December 7, 1967 through September 30, 1968. (Grant No. OEG-0-8-080518-2456 046)
8. \$69,520.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Basic Residency," under the direction of the Department of Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH08458-05)
9. \$54,523.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Parasitology and Medical Entomology," under the direction of the College of Biological Sciences, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 AI00216-08)
10. \$51,840.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Residency Training," under the direction of the Department of Psychiatry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH08386-05)
11. \$50,000.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Auxiliary Utilization Training," under the direction of the College of Dentistry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 DH 05044-07)
12. \$48,886.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Endocrinology and Metabolism," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 AM05118-12)

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

13. \$42,693.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Bacteriology and Mycology," under the direction of the Department of Medical Microbiology, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 T01 AI00359-01)
14. \$30,238.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "Studies of Ventricular Contractility in Cardiovascular Disease," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 K03 HE13971-08)
15. \$29,492.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Experimental Psychology," under the direction of the Department of Psychology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH08526-05)
16. \$26,790.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "A Comprehensive Study of Cardiovascular Sound," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 K03 HE28243-04)
17. \$25,869.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training - Dental," under the direction of the College of Dentistry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T12 CA08129-02)
18. \$25,000.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for partial support of the purchase of a "Scanning Electron Microscope," under the direction of the Department of Metallurgical Engineering. (GK-2909)
19. \$24,159.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatric Nursing," under the direction of the School of Nursing, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T02 MH06375-12)
20. \$22,960.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "The Biosynthesis of Neurohypophyseal Hormones," under the direction of the Department of Medicine, for the period July 1, 1968 through June 30, 1969. (Grant No. 1 K03 AM11519-01)

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

21. \$22,007.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "Studies on Comparative Electrocardiography," under the direction of the Department of Veterinary Physiology and Pharmacology, for the period April 1, 1968 through March 31, 1969. (Grant No. 2 K03 HE13524-06)
22. \$21,569.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Taxonomic Study of Cariogenic Bacteria," under the direction of the College of Dentistry, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 K03 DE34363-02)
23. \$20,934.00 granted by U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. 20242, to the University for "Training in Water Supply and Pollution Control," under the direction of the School of Natural Resources, for the period July 1, 1968 through June 30, 1969. (Grant No. 5T1-WP-39-05)
24. \$20,889.00 granted by Department of Health, Education, and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for construction of an Electrical Engineering Building, under Title I of the Higher Education Facilities Act of 1963. (Project No. 4-5-00421-0)
25. \$20,867.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for a Research Career Development Award entitled, "Effects of Drugs on Cardiac Membrane Potentials and Contractions," under the direction of the Department of Pharmacology, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 K03 HE11929-05)
26. \$14,671.00 additional grant by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "General Research Support," under the direction of the College of Veterinary Medicine, for the period January 1, 1968 through December 31, 1968. (Grant No. 5 S01 FR05463-06)
27. \$11,100.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the purchase of Instructional Scientific Equipment, under the direction of the Department of Chemistry, and terminates on May 31, 1970. (GY-5121)
28. \$5,100.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the purchase of Instructional Scientific Equipment, under the direction of the Department of Ceramic Engineering, and terminates on May 31, 1970. (GY-5119)

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

29. \$3,600.00 granted by National Science Foundation, Washington, D. C. 20550, to the University for the purchase of Instructional Scientific Equipment, under the direction of the Department of Civil Engineering, and terminates on May 31, 1970. (GY-5120)
30. \$1,944.00 granted by Department of Health, Education, and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Student Research Stipends," under the direction of the School of Social Work, for the period July 1, 1968 through June 30, 1969. (Grant No. 5 T01 MH07507-08)

TOTAL - Received Through the Office of Business and Finance -
\$1,462,632.00

B. Received Through The Ohio State University Development Fund

1. \$21,200.00 from Union Carbide Corporation, Tarrytown, New York-- \$5,000.00 for the Department of Metallurgical Engineering Equipment and Travel Fund, \$5,000.00 for the Union Carbide Fellowship in Chemistry, \$5,000.00 for the Union Carbide Corporation Fund for Mechanical Engineering, \$5,000.00 for the Union Carbide Corporation Fund for Biochemistry and Molecular Biology, and \$1,200.00 for the Union Carbide Corporation Fellowship in Welding Engineering.
2. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for the Bremer Foundation Fund in the College of Medicine.
3. \$10,000.00 from the Ohio Turfgrass Foundation for the Golf Course Superintendents Association of America Research Fund.
4. \$8,000.00 from G. D. Searle & Company, Chicago, Illinois, for the G. D. Searle & Co. Research in Medicine Fund.
5. \$7,719.50 from the Mark L. Morris Animal Foundation for the Mark L. Morris Animal Foundation in the College of Veterinary Medicine.
6. \$6,500.00 from Charles Pfizer & Company, Inc., for the Infectious Disease Research Fund.
7. \$5,890.00 from the Trust under the Will of Anna Roessler for the Samuel J. Roessler Memorial Medical Fund.
8. \$4,500.00 from The Babcock & Wilcox Company (Diamond Power Specialty Company) for the Babcock & Wilcox Company Fund for Engineering.
9. \$4,200.00 from North American Rockwell Corporation, Columbus Division, for the North American Aviation Fellowship in Aviation Medicine.

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

10. \$3,700.00 from Kaiser Aluminum & Chemical Corporation for the Kaiser Aluminum & Chemical Corporation Fellowship Fund in Mechanical Engineering.
11. \$2,500.00 from Bethlehem Steel Corporation for the Bethlehem Steel Corporation Research Fund in Metallurgical Engineering.
12. \$2,500.00 from the Forging Industry Educational and Research Foundation, Cleveland, Ohio, for the Earl M. Tilton Professorship in Mechanical Metallurgy and the professorship support fund.
13. \$2,500.00 from Ohio Florists Association for the Floriculture Plastic Greenhouse Fund.
14. \$2,000.00 from Thomas A. Boyd for the Joseph H. Koffolt Undergraduate Scholarship Award in Chemical Engineering.
15. \$1,680.40 from Antique Show Receipts given in the name of Jay L. Failer--\$1,000.00 for the WOSU-TV Continuing Education Fund, \$500.00 for the Bertha Alice Watts Mount Memorial Fund, and \$180.40 for the Presidents Club Special Fund.
16. \$1,300.00 from American Board of Preventive Medicine, Inc., for the American Board of Preventive Medicine Fund.
17. \$1,250.00 from Travenol Laboratories, Inc., for the Dr. Sam Studybaker Memorial Fund.
18. \$1,000.00 from Columbus and Southern Ohio Electric Company - Home Service Department for the Dorothy D. Scott Scholarship Fund.
19. \$1,000.00 from Garwick & Ross, Inc., (In name of J. Parker Garwick) for the J. Parker Garwick Fund.
20. \$1,000.00 from The Charles Y. and Frances N. Lazarus Foundation (In name of Mrs. Charles Y. Lazarus) as an unrestricted gift to the University.

TOTAL - Received Through The Ohio State University Development Fund -
\$98,439.90

Upon motion of Mr. Shocknessy, seconded by Mr. Dunlap, the acceptance of the above grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

June 13, 1968 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Report from The Ohio State University Development Fund

In April, 1968, The Ohio State University Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,928	\$ 81,135.43
Individuals other than alumni	102	4,598.05
Nonprofit organizations	32	31,267.32
Business concerns	76	61,487.27
	<u>4,138</u>	<u>\$178,488.07</u>

Of these gifts, 3,351 totaling \$31,286.61 were undesignated and 787 totaling \$147,201.46 were designated.

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V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees.

A. Horticulture and Forestry Building, Partial Remodeling

This project will provide the remodeling of six classrooms in the old Horticulture and Forestry Building to accommodate teaching laboratories for anatomy and physiology programs of the College of Biological Sciences.

Funds for this project will be provided by a transfer from Budget Account 189999 (General Reserve) to Budget Account 801162 (Construction Account for Horticulture and Forestry Building, Partial Remodeling).

B. Street Repairs for 1968

This project will provide patching of several street areas, paving Neil Avenue from 17th Avenue to West Woodruff Avenue, and replacing the existing stone and concrete curbs with concrete curbing on the east side of Neil Avenue from a short distance south of 19th Avenue to West Woodruff Avenue.

Funds for this project will be provided from the 1968-1969 allocation to Budget Account 121658 (Contract Repair).

Upon motion of Mr. Jones, seconded by Mr. Shocknessy, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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June 13, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

A. Sisson Hall - Remodeling of West Wing

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 4-24-68) Ed Ross Construction (Columbus)	\$25,493.00	\$35,700.00
<u>Mechanical Contract</u> (2 rebids received 5-2-68) Keen-Air Conditioning Corp. (Columbus)	26,843.00	28,500.00
<u>Electrical Contract</u> (2 rebids received 5-2-68) Reco Electric (Columbus)	<u>13,098.00</u>	<u>14,500.00</u>
<u>Total All Contracts</u>	<u>\$65,434.00</u>	<u>\$78,700.00</u>

Funds for this project will be provided from Budget Account 801154
(Construction Account for Sisson Hall - Remodeling of West Wing).

B. McCracken Power Plant - Elevator Modernization

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 bids received 5-8-68) Henry A. Justus, Inc. (Columbus)	\$22,620.00	\$24,000.00

Funds for this project will be provided from Budget Account 801155
(Construction Account for McCracken Power Plant - Elevator Modernization).

C. Starling-Loving Hall - Modernization of Electrical System

	<u>Low Bid</u>	<u>Est. of Cost</u>
(3 bids received 5-21-68) Pence Electric Co. (Columbus)	\$36,002.00	\$53,500.00

Funds for this project will be provided from Budget Account 801156
(Construction Account for Starling-Loving Hall-Modernization of Electrical System).

June 13, 1968 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

D. Roof Repairs - 1968 ,

	<u>Low Bid</u>	<u>Est. of Cost</u>
(2 rebids received 5-28-68)		
Superior Roofing Company (Columbus)	\$62,500.00	\$65,000.00

Funds for this project will be provided from Budget Account 121658 (Contract Repair).

Upon motion of Mr. France, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Easement for Power Line and Telephone Line, Lane Avenue

The Columbus and Southern Ohio Electric Company and the Ohio Bell Telephone Company have requested an easement for their pole line across University lands. The pole line originally was in the right-of-way of Lane Avenue. In 1957 when Lane Avenue was realigned, the County vacated the old right-of-way to the University. The rights of the utilities located in the old right-of-way were omitted when the land was conveyed to the State of Ohio. These utility lines currently provide telephone and electric service to the west campus area and WOSU-TV.

President Fawcett recommended that the granting of a right-of-way easement to the Columbus and Southern Ohio Electric Company and the Ohio Bell Telephone Company be approved. It was further recommended that the President and/or Vice President for Business and Finance be authorized to request the Director of Public Works pursuant to his statutory duties to act on behalf of the University in developing the necessary legal instruments to provide for the easement.

Upon motion of Mr. Safford, seconded by Mr. France, the above recommendations were approved by unanimous roll call vote.

B. Means Hall Remodeling - Extension of Architects Contract

President Fawcett recommended that the McGee and Alberts contract for preliminary drawings and specifications for this project, approved by the Board of Trustees on December 14, 1967, be extended to provide basic drawings, working drawings, specifications, estimate of cost, and necessary bidding documents.

June 13, 1968 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

B. Means Hall Remodeling - Extension of Architects Contract (continued)

The award of contracts and complete supervision of construction are not included at this time, but it is understood that these additional services may be added in accordance with the fee established for this project, at the option of the University.

The fee for this service has been calculated at 9 per cent of the estimated construction cost less the fee for preliminary work or an estimated \$13,982.90 with funds to be provided from Budget Account 801139 (Means Hall Remodeling Construction Account).

Upon motion of Mr. France, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

C. Health Sciences Information Center (Medical Center Library) - Extension of Architects Contract

President Fawcett recommended that the C. Curtiss Inscho & Associates contract for the preparation of schematic studies and drawings for this project, approved by the Board of Trustees on July 13, 1967, be extended to provide architectural and engineering services including basic drawings, working drawings, specifications, estimate of cost and necessary bidding documents.

The award of contracts and complete supervision of construction are not included at this time, but it is understood that these additional services may be added in accordance with the standard fee schedule, at the option of the University.

The fee for this service will be calculated on the basis of 6 per cent of the first \$1,000,000, 5 1/2 per cent of the second \$1,000,000 and 5 per cent of \$1,540,000 of the estimated construction cost less the fee for preliminary work, or an estimated \$88,800.00. Funds will be provided from Item 059, H. B. 886, and an anticipated federal grant from the Public Health Service.

Upon motion of Mr. Shocknessy, seconded by Mr. Jones, the above recommendation was approved by unanimous roll call vote.

D. Laneview Area, Demolition of Buildings

Pursuant to the action of the Board of Trustees on March 14, 1968, the University is currently acquiring land east of Kenny Road, north of Lane Avenue, west of the Chesapeake & Ohio Railroad and south of State of Ohio owned lands. This land is to be cleared for future University utilization in accordance with the master plan. It is proposed that the buildings on these properties be demolished as acquired.

June 13, 1968 meeting, Board of Trustees

VII. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

D. Laneview Area, Demolition of Buildings (continued)

President Fawcett recommended therefore that authority be granted to demolish any and all structures on lots in this area as they are acquired. The demolition in each case shall be scheduled at the discretion of the Vice President for Business and Finance subject to Cabinet approval.

All demolitions of these buildings will be accomplished in the usual manner.

Upon motion of Mr. Jones, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

E. 2637 Olentangy River Road (Hess Property), Demolition of Buildings

The State of Ohio (The Ohio State University) acquired the above property on August 1, 1932. The buildings have been reviewed by appropriate University officials and have been found to be of no value to the University. The land is to be cleared for future University utilization in accordance with a master plan. It is proposed that the buildings on this site be demolished.

President Fawcett recommended therefore that authority be granted to demolish all structures at 2637 Olentangy River Road.

All demolitions of these buildings will be accomplished in the usual manner.

Upon motion of Mr. Jones, seconded by Mr. France, the above recommendation was approved by unanimous roll call vote.

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VIII. RESOLUTIONS IN MEMORIAM

A. Report on Fires in Lincoln and Morrill Towers and Resolutions in Memoriam for Students Whose Lives Were Lost

President Fawcett, with obvious sadness and deep concern, reported on the tragic fire which occurred in Lincoln Tower on May 22 which caused the death of two students from smoke inhalation. The President also reported on the fire in Morrill Tower on May 10. He reviewed in detail the investigative process which has been instituted under the direction of the Ohio State Fire Marshal with various other agencies cooperating. The President reported further that the investigation has culminated in the arrest of the suspected arsonist. He indicated that agencies involved in the investigation are in the process of drafting a full report of the findings which report will be presented to the Board of Trustees and released for public information. A copy of the President's statement is filed with the official records of the Board of Trustees.

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Report on Fires in Lincoln and Morrill Towers and Resolutions in Memoriam for Students Whose Lives Were Lost

Following the report on the fires, President Fawcett presented the following Resolutions in Memoriam for the two students whose lives were lost, and in accordance with the instructions of the Board of Trustees, copies of the resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be sent to the families of the deceased.

1. Retta Diane Foster

The Board of Trustees expresses its sorrow at the death on May 29, 1968, of Retta Diane Foster, a sophomore student in the Colleges of Arts and Sciences. Miss Foster lost her life as a result of the tragic fire in Lincoln Tower on May 22.

Retta Diane Foster was born in Halifax, England, on July 7, 1945. She was graduated from Cheyenne Mountain High School, Colorado Springs, Colorado, in 1963, attended Colorado Women's College, studied six months in Europe and attended Kent State University before entering The Ohio State University Autumn Quarter, 1967. In her three quarters Miss Foster performed well academically achieving a 3.0 cumulative point-hour ratio. She was a cooperative and loyal resident of Lincoln Tower and a member of Kappa Alpha Theta sorority.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

2. Pamela Sue Patterson

The Board of Trustees expresses its sorrow at the death on May 22, 1968, of Pamela Sue Patterson, a freshman student in the Colleges of Arts and Sciences. Miss Patterson was the victim of the tragic fire in Lincoln Tower on May 22, 1968.

Pamela Sue Patterson was born in Dayton, Ohio, on July 16, 1949, and was graduated from Milton Union High School in 1967. Miss Patterson entered The Ohio State University as a freshman Autumn Quarter, 1967, and was enrolled until the time of her death.

On behalf of the entire University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this Resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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June 13, 1968 meeting, Board of Trustees

IX. REPORTS

A. Report on Action Taken by the Ohio Board of Regents at Its Meeting on May 17, 1968

President Fawcett reported for information and the record that the Ohio Board of Regents at its meeting on May 17, 1968:

- (1) Awarded to The Ohio State University twelve Regents' Professorships for 1968-69 on behalf of the following members of the faculty:

Dr. Melvin S. Newman, Professor of Chemistry
Dr. Melville L. Wolfson, Professor of Chemistry
Dr. Robert M. Zollinger, Professor of Surgery
Dr. Morgan L. Allison, Professor of Dental Surgery
Dr. John W. Black, Professor of Speech
Dr. Glenn Fry, Professor of Optometry
Dr. Oskar Seidlin, Professor of German
Dr. Clarence R. Cole, Professor of Veterinary Pathology
Dr. Mars G. Fontana, Professor of Metallurgical Engineering
Dr. Robert C. McMaster, Professor of Welding Engineering and Electrical Engineering
Dr. Harold Grimm, Professor of History
Dr. Richard D. Altick, Professor of English

The first ten Regents' Professors named above are renewals from 1967-68. Pursuant to the above action, The Ohio State University will receive a supplemental appropriation of State funds in the amount of \$120,000.00 to support the above Regents' Professorships.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above report was accepted by unanimous voice vote.

B. Report on the Status of Dr. David E. Green, Assistant Professor in the Department of History

The President stated,

As a result of certain alleged actions on the part of Dr. David E. Green, Assistant Professor of History, on April 5, 1968 and April 30, 1968, Dr. Charles L. Babcock, Dean of the College of Humanities, provided under University Rules a clear statement of allegations of misconduct on the part of Dr. Green and I, acting under Rule 21.07, requested the Faculty Advisory Committee to activate hearing procedures and report to me in accordance with Section 2 of Rule 21.07.

The Hearing Committee proceeded in accordance with my request and has just completed a long series of hearings designed to enable the Committee to develop findings of fact and to make appropriate recommendations.

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

B. Report on the Status of Dr. David E. Green, Assistant Professor in the Department of History (continued)

I am advised by the Hearing Committee that because of the extra load of work at the end of the Quarter, it has not been possible to take all of the steps that are required under our Rules in time to make its report to me for such action as is required prior to this meeting. It is expected that the Committee report will be in my hands within the next two weeks and I will, therefore, have a specific recommendation at the July meeting. In the meantime, Professor Green's contract for 1968-69 has not been included in the list of those contracts covered in the 1968-69 budget presentation. Action on his contract will be postponed until the Committee report has been received and until there can be time to analyze the report and make an appropriate recommendation to the Board, which will come on July 11, 1968.

C. Progress Report on University Hall

President Fawcett presented the following report:

Following Vice President Carson's report to this Board on May 9, 1968, on the need to abandon the North Wing of the Building in which the auditorium, classrooms and offices are located, and in accordance with the action taken by this Board at the same meeting which instructed the University administrative officials to move toward the abandonment of the facility as soon as such abandonment could be conveniently arranged, the following steps have been taken:

1. On May 17, 1968, an application in the amount of \$3,000,000 was filed with the Emergency Board and the Controlling Board of the State of Ohio. The application is for a structure containing 78,000 square feet to replace the North Wing of the Building. To date no action has been taken by the Controlling Board and the Emergency Board on this application, but we hope to have a response to it in a relatively short period of time.
2. The South Section or the original portion of the Building, while in need of extensive repair, can be continued in service for a very short period of time but will need to be either reconstructed in accordance with the recommendation of the University Hall Committee or replaced as a part of a totally new structure.

IX. REPORTS (continued)

C. Progress Report on University Hall (continued)

3. I have approached the Development Fund Board with the idea in mind of suggesting a capital funds campaign of sufficient magnitude to do whatever is required to replace the building. This Board is awaiting a reading from The Ohio State University Association Board since a half of its membership comes from The Ohio State University Association. This meeting took place on May 10, 1968.
4. I next met with the Alumni Advisory Board on the morning of May 25, 1968, to discuss the matter further. Dr. Richard Mall, Director of Alumni Affairs, reports to me that The Ohio State University Association Board discussed this problem generally, but has not yet reached a position of making a firm recommendation to its representatives on the Development Fund Board.

I will continue to go through all of the appropriate channels in an effort to develop funding for this structure which is so critically needed to house the basic education departments in the areas of humanities and the social sciences.

Mr. Shocknessy expressed his apprehension regarding the deteriorating condition of University Hall and voiced the opinion that the building is "disaster prone." He then moved the adoption of the following resolution:

WHEREAS, continuing studies by professionally qualified persons reveal serious doubt regarding the structural safety of the entire University Hall building.

BE IT RESOLVED that action be taken by University administrative officials to

- (1) implement at the earliest possible date the abandonment of University Hall as authorized by this Board of Trustees in action taken on May 9, 1968;
- (2) execute the demolition of the building following its evacuation; and
- (3) proceed with the development of plans and specifications for funding and constructing a building which will replace the critically needed

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

C. Progress Report on University Hall (continued)

academic space for the several basic education departments now housed in University Hall at the earliest possible moment.

Mr. Jones seconded the motion, and the Board of Trustees adopted the above resolution by unanimous roll call vote.

D. Report on Admission of Freshman Honor Scholars for 1968-1969

President Fawcett stated that he had received from the Vice President for Educational Services a report that "353 high school graduates who have been designated Ohio State Freshman Honor Scholars have indicated their intention of enrolling in the University in either the Summer or Autumn Quarter."

He further reported that this is an increase of approximately one-third over the number of honor scholars who had indicated their intention to enroll in the University at this time a year ago. The designation of Freshman Honor Scholar is earned by a high school senior who ranks in the upper 3 per cent of his high school graduating class and who scores in the upper 5 per cent of college-bound seniors nationally on the American College Test.

Of the 353 students, 106 ranked first in their respective graduating classes at the time of admission, while 105 ranked either second or third. The 329 who came from Ohio represent 73 of the state's 88 counties. Another 24 will come from 15 states, with Pennsylvania sending four and West Virginia three.

E. Report from the Finance and Investment Committee

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1968

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. Mervin France, presented the following resolution:

RESOLUTION PROVIDING FOR THE ISSUANCE OF NOT EXCEEDING \$1,700,000 PARKING SYSTEM REVENUE NOTES, SERIES 1968, FOR THE PURPOSE OF REFUNDING \$700,000 PRINCIPAL AMOUNT OF PARKING SYSTEM REVENUE NOTES HERETOFORE ISSUED TO PAY PART OF THE COSTS OF CONSTRUCTING AND EQUIPPING CERTAIN BUILDINGS, STRUCTURES AND FACILITIES TO BE USED FOR OR IN CONNECTION WITH THE PARKING OF MOTOR VEHICLES AND \$1,000,000, PRINCIPAL AMOUNT, FOR THE PURPOSE OF PAYING AN ADDITIONAL PART OF SUCH COSTS

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

E. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1968 (continued)

WHEREAS, the Board of Trustees of The Ohio State University (herein called the "Board") is vested with the government of The Ohio State University (herein called the "University" and, when the context admits, collectively with the Board called the "University") under and by virtue of Section 3335.02 of the Revised Code of Ohio, with the right, under Section 3335.03 of said Revised Code, and as such Board, of suing and being sued, contracting and being contracted with, and of making and using a common seal and, under Section 3335.10 of said Revised Code, has general supervision of all lands, buildings, and other property of the University and control of all expenses thereof; and by Chapter 3335 of the Revised Code of Ohio; and

WHEREAS, by authority of Section 3345.11 of the Revised Code of Ohio, the Board is authorized to acquire by purchase, lease, or otherwise, and to construct, equip, maintain, renovate, repair, improve or remodel and operate, and to lease to or from others, buildings, structures, or facilities and sites therefor and related equipment within or in close proximity to the campus of the University to be used for or in connection with athletic purposes, student activity centers, faculty centers, dining halls, bookstores, auditoriums, parking of motor vehicles and contract research facilities; and, for the purpose of paying the costs thereof, or any part thereof, or the repayment of any loans obtained for such purposes, to use any funds in its possession not otherwise obligated, revenues derived from athletic events, and from the operation or leasing of such activity centers, faculty centers, dining halls, bookstores, auditoriums, parking facilities and contract research facilities including but not limited to such portions of student activity fees charged and paid for such purposes, any other revenues or receipts derived or to be derived from the operation or leasing of such structures, buildings, facilities and equipment; and for the purpose of paying all or part of such costs the Board is further authorized thereby to issue and sell bonds, notes or other written instruments evidencing such indebtedness, provided that such obligations shall not be a claim against or lien upon any property of the State of Ohio or any property of or under the control of said Board excepting such parts of the revenues or receipts derived from the operation or leasing of such structures, buildings, facilities, equipment or sites and any portion of the student fees assessed or to be assessed for the purposes of such acquisition, construction, equipment renovation, repair, improvement or remodeling or for the use of such structures, buildings, facilities, equipment or sites which the Board may pledge to secure the payment of such obligations; and by authority of said Section 3345.11 the Board is also authorized to issue such bonds, notes or other obligations payable as aforesaid in order to retire or refund outstanding notes or other obligations matured or unmatured, to repay

IX. REPORTS (continued)

E. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1968 (continued)

moneys previously borrowed or advanced under said section or to reimburse funds of the University for amounts used under said Section 3345.11; and

WHEREAS, the Board has heretofore and does hereby determine and confirm that it is necessary to provide additional facilities for the parking of motor vehicles and, accordingly, hereby declares and determines that it is immediately necessary to construct and equip certain buildings, structures and facilities to be used for and in connection with the parking of motor vehicles, all within or in close proximity to its campus, including three multi-level parking structures for the parking of approximately 2,250 motor vehicles (being herein called the "Project"), the cost of which is presently estimated to be \$4,500,000; and

WHEREAS, the University has determined to borrow the funds to pay part of the foregoing costs, and to issue its Parking System Revenue Bonds, Series A, in the principal amount of \$4,500,000 pursuant to Section 3345.11 of the Revised Code of Ohio, and pursuant to resolution of the Board duly adopted September 8, 1966 authorizing said Bonds (which Resolution, as the same may hereafter be amended, supplemented or superseded, is herein called the "Bond Resolution"); and

WHEREAS, the University has heretofore by Resolution adopted June 8, 1967, provided for the issuance of \$700,000 Parking System Revenue Notes of the University, and pursuant to said June 8, 1967 Resolution, there has been issued and delivered \$700,000 Parking System Revenue Notes to provide interim construction financing to pay part of the cost of the Project which is presently under construction, which notes mature on June 29, 1968; and

WHEREAS, the University has and does hereby determine and confirm that it is necessary to issue notes to borrow funds for the repayment of the interim construction financing evidenced by said \$700,000 Parking System Revenue Notes dated June 29, 1967, as authorized by said June 8, 1967 Resolution and that it is further necessary to issue notes to pay additional interim construction costs in the principal amount of \$1,000,000, prior to the issuance and delivery of said Series A Bonds; and

WHEREAS, there has been submitted the following proposals for the purchase of said notes at 100% of par and at the designated interest rate:

Original Purchaser (herein referred to as such)	Principal Amount	Interest Rate
The Huntington National Bank	\$1,000,000	4.0%
The City National Bank & Trust Co.	200,000	4.395%
	500,000	4.445%

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

E. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding \$1,700,000 Parking System Revenue Notes, Series 1968 (continued)

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University:

Section 1. It is hereby declared necessary to construct and equip the Project, and to issue and that there shall be issued, notes in the aggregate principal sum of \$1,700,000 pursuant to Section 3345.11 of the Revised Code of Ohio for the purpose of refunding the interim construction financing evidenced by the \$700,000 The Ohio State University Parking System Revenue Notes dated June 29, 1967 and issued and delivered to pay part of the costs of the Project and for the purpose of paying an additional part of the costs of the Project.

Section 2. The principal of and interest on such notes, and such additional notes as may be issued to pay part of the costs of the Project shall be payable solely from (a) the "Pledged Receipts" after provision for "Operating and Maintenance Expenses," if any, of the "Pledged Facilities" and all payments required to be made, from time to time from said "Pledged Receipts" into the "Special Funds" created under the Bond Resolution; and (b) the proceeds of the sale of parking system revenue bonds or notes of the University to be issued pursuant to Section 3345.11 of the Revised Code of Ohio, or other authorizing provisions of law; provided that neither the State of Ohio nor the University, nor its Board of Trustees shall be obligated to pay the principal of or interest on such notes from any other funds or source, nor shall such notes be a claim upon or lien against any other property of the University or the State of Ohio, and said notes are not general obligations of the State or University, and the full faith and credit there are not pledged thereto, and the note-holders shall have no right to have any taxes levied, collected or applied for or to the payment thereof.

Section 3. Said notes shall be designated "Parking System Notes, Series 1968," shall be dated June 28, 1968, and shall mature June 27, 1969. Said notes shall bear interest at the rates indicated in Section 4 of this resolution, payable semi-annually, or at maturity as requested by the Original Purchaser. Said notes shall be in denominations of \$5,000 or any multiple thereof, as bearer notes with or without coupons, or may be represented by a single note for the entire issue, as may be requested by the Original Purchaser, and shall be numbered as determined by the Vice President, Business and Finance or the Assistant Treasurer. Said notes shall be payable at the office of the Original Purchaser, or at such other place as he may designate, and shall be signed by the President or the Vice President, Business and Finance, one of which may be a facsimile, attested by the Secretary of the Board, and the coupons, if any, pertaining thereto shall be signed by or bear the facsimile signature of

IX. REPORTS (continued)

E. Report from the Finance and Investment Committee (continued)

1. Resolution Providing for the Issuance of Not Exceeding
\$1,700,000 Parking System Revenue Notes, Series 1968 (continued)

said Vice President, Business and Finance or the Assistant Treasurer, and the notes shall bear the seal of the University or facsimile thereof.

If agreeable to the Original Purchaser, prior to delivery of the definitive notes, said notes may be delivered as one or more temporary manuscript notes to be surrendered to the University at the principal office of the paying agent when the University shall notify the holder thereof that the definitive notes are available. The definitive notes shall be substantially in the form attached hereto as Appendix IX, page 795, the terms and covenants of which are incorporated herein, with such modifications therein as may be appropriate for issuance of the notes in coupon form or to reflect the terms of the sale thereof consistent with this resolution and with such changes therein, not substantially adverse to the University, as the President or the Vice President, Business and Finance, may approve.

Section 4. Said notes are hereby awarded as follows in accordance with their aforesaid proposal and this resolution:

Original Purchaser	Principal Amount	Interest Rate
The Huntington National Bank	\$1,000,000	4.0%
The City National Bank & Trust Company	200,000	4.395%
	500,000	4.445%

The President, the Vice President, Business and Finance, and the Assistant Treasurer are each hereby authorized and directed to do all things necessary for the delivery of said notes in accordance with said award and this resolution.

Section 5. The Vice President, Business and Finance, or the Assistant Treasurer of the University is hereby authorized and directed to apply part of the proceeds of the 1968 Notes promptly to the payment and discharge of the outstanding note dated June 29, 1967 and to apply to the payment of interest on said outstanding note such amount from the Construction Fund for the Project or from other funds available therefor and as to the balance, he is authorized to deposit the balance of the proceeds of the notes in the Construction Fund established under the provisions of the Bond Resolution and to apply and invest the moneys therein as provided in the Bond Resolution.

Upon motion of Mr. France, seconded by Mr. Shocknessy, the above resolution was adopted by unanimous roll call vote.

June 13, 1968 meeting, Board of Trustees

IX. REPORTS (continued)

F. Report on the University's Investment Portfolio

The report dated June 13, 1968, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

*

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Thereupon the Board adjourned to meet Thursday, July 11, 1968, at The Ohio State University, Columbus, Ohio, at 10:30 a.m.

Attest:

<hr/>	<hr/>
John T. Mount	John G. Ketterer
Secretary	Acting Chairman

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APPENDIX IX

UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
PARKING SYSTEM REVENUE NOTE, SERIES 1968

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UNITED STATES OF AMERICA

STATE OF OHIO

THE OHIO STATE UNIVERSITY
PARKING SYSTEM REVENUE NOTE, SERIES 1968

No. _____ \$ _____

KNOW ALL MEN BY THESE PRESENTS that THE OHIO STATE UNIVERSITY and its Board of Trustees (herein collectively called the University), for value received, hereby promise to pay, solely from the sources hereinafter set forth, to _____ of _____ or order, the principal sum of _____

DOLLARS

one year from date hereof, provided that the University reserves the right to make prepayment of said principal sum at any time without penalty or premium, with interest thereon from the date hereof at the rate of _____ per cent (____%) per annum, payable _____. The principal sum and interest thereon are payable in lawful money of the United States at the principal office of _____ of _____ upon presentation and surrender of this note. The principal and interest hereof are payable solely from (a) the "Pledged Receipts" after provision for "Operating and Maintenance Expenses," if any, of the "Pledged Facilities" and all payments required to be made, from time to time, from said "Pledged Receipts" into the "Special Funds" created by the Bond Resolution, identified below, as such terms are defined in the Bond Resolution; and (b) the proceeds of the sale of parking system revenue bonds or notes issued pursuant to Section 3345.11 of the Revised Code of Ohio or other authorizing provisions of law; and neither the State of Ohio nor the University or its Board of Trustees is obligated to pay the same from any other funds or source, nor shall this note be a claim upon or lien against any other property of the State or the University, and this note is not a general obligation of the State or the University, and the full faith and credit thereof are not pledged thereto and the noteholders shall have no right to have any taxes levied, collected or applied for or to the payment hereof. The aforesaid Bond Resolution is the Resolution adopted by the Board of Trustees September 8, 1966, authorizing the issuance of \$4,500,000 principal amount of parking system revenue bonds, as such Resolution may be amended, supplemented or superseded.

The note is issued for the purpose of refunding \$700,000 principal amount of The Ohio State University Parking System Revenue Note dated June 29, 1967, and for the purpose of paying an additional part of the cost of constructing and equipping certain buildings, structures and facilities to be used for or in connection with the parking of motor vehicles all within or in close proximity to its campus, including three multi-level parking structures for the parking of approximately 2,250 motor vehicles under authority of, pursuant to and in full compliance with the general laws of the State of Ohio, particularly Section 3345.11 of the Revised Code, and pursuant to a Resolution of the Board of Trustees of said University duly adopted on the 13th day of June, 1968.

The Ohio State University Parking System Revenue Note, Series 1968

In consideration of the loan evidenced by this note, the University and its Board of Trustees covenant and agree that they will do all things necessary to effect the issuance of and delivery, prior to the maturity of this note, of parking system revenue bonds or notes for the refunding of this note, pursuant to Section 3345.11 of the Revised Code of Ohio, or other authorizing provision of law, in such principal amount as shall be necessary to pay the principal of and interest on this note, that they will do all things necessary to sell such bonds or notes at the time provided above and will accept such price and such interest rate as shall be necessary in order to effect such sale, and these obligations are established as duties specifically enjoined by law upon the University, its trustees and officers, and result from their respective offices, trusts or stations within the meaning of Section 2731.01 of the Revised Code of Ohio.

This note is executed on behalf of said Board of Trustees of The Ohio State University solely in their capacity as such Trustees and shall not constitute their personal obligation, either jointly or severally, in their individual capacities.

AND IT IS HEREBY CERTIFIED AND RECITED, that all acts, conditions and things necessary to be done precedent to and in the issuance of this note, in order to make it a legal, valid and binding obligation of said University and its Board of Trustees, have happened, been done and performed in regular and due form as required by law.

IN WITNESS WHEREOF, The Ohio State University and its Board of Trustees, jointly and severally, have caused this note to be signed on their behalf by the Vice President, Business and Finance, of the University, and to be attested by the Secretary of the Board of Trustees of said University, as of the 28th day of June, 1968.

Attest:

THE OHIO STATE UNIVERSITY
and
THE BOARD OF TRUSTEES OF
THE OHIO STATE UNIVERSITY

Secretary of the Board of Trustees

By _____
Vice President, Business and Finance
of The Ohio State University

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Page 800 is blank

INDEX TO OFFICERS AND EMPLOYEES

1967-1968

A

Allison, Morgan L. . . . 299, 785
 Altick, Richard D. . . . 785
 Archer, Charles I. . . . 310, 762

B

Babcock, Charles L. . . . 439
 Barre, Henry J. . . . 226
 Barth, Peter S. . . . 440
 Barton, Jane V. . . . 310
 Batley, Frank 275
 Bevis, Howard Landis . . . 625
 Black, John W. . . . 299, 785
 Bolz, Harold A. . . . 586
 Boorstein, William M. . . . 586
 Bowers, Edison L. . . . 606
 Boyne, David Herman . . . 275
 Brady, Ronald W. . . . 351
 Branscomb, Lewis C. . . . 227
 Bricker, John W. . . . 498, 598, 633
 Briggs, John D. . . . 5, 564
 Brooks, Keith 761
 Brown, Kenneth M. . . . 605
 Burkhardt, G. Wayne . . . 276, 762
 Burkhardt, William Eugene . . 324
 Burns, Anne M. . . . 468

C

Calvin, Leona J. . . . 229
 Carson, Gordon B. . . . 263, 630, 633
 Carter, Bryson R. . . . 310
 Chadwick, Lewis C. . . . 229
 Clatworthy, Nancy K. . . . 440
 Cleland, Gloria D. . . . 228, 311, 763
 Clovis, Albert L. . . . 632
 Cole, Clarence R. . . . 299, 785
 Coons, Alvin E. . . . 509
 Cox, Dana Wesley 325
 Craig, Paul G. . . . 350
 Cravens, Metellus Eugene . . . 6
 Crawford, Robert S. . . . 311, 351
 Cremer, Marion LaVerne . . . 229
 Currey, Jean 762

D

Davidson, Hugh MacCullough . . 352
 Davis, Francis W. . . . 606
 Davis, JoAnn 440

Daykin, Samuel P. . . . 227
 Deacon, Ruth E. . . . 227
 Deep, Ira W. . . . 276
 Demos, John T. . . . 228
 deNeef, Jacoba C. . . . 276
 Denton, Robert K. . . . 632
 Dewald, William G. . . . 605
 Dickey, Richard P. . . . 229
 Dodd, David Rollin 261
 Dodd, Matthew C. . . . 6
 Douglas, Jack Erskine . . . 226
 Dryden, Charles E. . . . 294
 Dumett, Raymond E. . . . 229

E

Eason, Warren W. . . . 761
 Emery, Walter Byron . . . 604

F

Fair, Carol J. . . . 228
 Fawcett, Novice G. . . . 263,
 265, 295, 300, 301, 332, 333,
 334, 374, 475, 585, 598, 631,
 632, 754, 783, 785, 786, 788
 Flanagan, Agnes B. . . . 606
 Fontana, Mars G. . . . 299, 785
 France, Mervin B. . . . 576
 Fry, Glenn A. . . . 299, 785
 Fulton, Huston Fenn . . . 326

G

Gerle, Robert 484
 Glower, Donald D. . . . 761
 Gold, Ronald B. . . . 228
 Green, David E. . . . 632, 785
 Greeneisen, Franklin Robert . . 310
 Griesemer, Richard A. . . . 351
 Grimm, Harold 785
 Grover, Philip L. . . . 351
 Groves, Robert H. . . . 311
 Gwinner, Georgia 565

H

Hall, Nason E. . . . 227
 Hall, Pauline 351, 762
 Halterman, Jerry Jack . . . 439
 Hanna, George Parker, Jr. . . 227
 Harding, George T., Sr. . . . 763

Harrison, James D.	762
Hausman, Jerome Joseph	227
Hawley, Ellis W.	604
Haws, Robert W.	763
Hebbard, Frederick W.	350
Helt, James R.	311
Herbst, Alma	471
Herman, Lawrence	605
Hothem, George W.	351
Hothem, Paul	311
Housman, Albert L.	604
Hukill, Margaret A.	485
Hurley, William Edward	226

J

Johnson, George Orville	310
Johnson, William H.	352
Johnson, William M.	761
Jones, Olwen E.	606
Jones, Russell W.	606

K

Kaplan, Sidney M.	327
Keller, Geoffrey	484
Kelman, Maurice	605
Ketterer, John G.	599, 600
King, Imogene	484
Kirven, Dennis M.	351
Knight, Calvin D.	439
Kobayashi, Shiro	6
Koob, Derry D.	440
Krengel, Ulrich	604

L

Lahmers, Robert W.	352
Laird, Emerson B.	466
Langendoen, D. Terence	228, 605
Larson, Robert Hillman	606
Laughlin, Stanley K., Jr. . . .	762
Lawson, (Phillippe) Reed	372
Leicht, Johann B.	605
Leidheiser, Paul C.	311
Levy, Joseph A.	229
Lewis, Robert B.	311, 352, 763
Lifer, Charles W.	311
Luce, Harold T.	761
Lynn, Ralph Emerson, Jr. . . .	226

M

Maddox, William C.	228
Maddy, Glenn E.	311
Mahler, Kurt	604

Mall, Richard M.	301
Marshall, Wilbur L.	7
Martin, James G.	761
Martin, Janice M.	229
McCormick, Anita	310, 439, 762
McCoy, James R.	350
McGrew, Charles D.	310
McMaster, Robert C.	299, 785
Mehl, Bernard	276
Messerman, Gerald A.	440
Moore, Olin Harris	508
Mount, John T.	633

N

Neuhardt, John B.	586
Newark, Christine	352
Newman, Melvin S.	299, 785
Nielsen, Carl E.	439

O

Oetjen, Robert A.	226, 485
Oster, Clinton V.	439
Overmyer, Ronald L.	229

P

Pavey, Charles W.	277
Peterson, William	226
Petrie, Stuart L.	6
Plimpton, Rodney F., Jr. . . .	632
Pollard, James E.	475
Prior, John Clinton	622
Prudent, Inez LeSuer	624

R

Rau, Richard M.	228, 605
Reeser, Robert M.	227
Rettig, Salomon	227
Rigsby, O. Lee	439
Rinehart, Kenneth S.	565
Rizvi, Mohammad Haseeb	276
Robinson, Alice R.	469
Rogers, Harry Wight	606
Rohrer, John D.	763
Ruoff, John D.	312
Rutledge, Ivan C.	604

S

Saboe, Lewis C.	227
Safford, William C.	511
Schneiderman, Harold	228
Schonemann, Peter Hans	227

Scott, Dorothy D.	485
Sechrist, Richard S.	352, 485
Seidlin, Oskar	299, 785
Serif, George S.	6
Shaddock, John A.	276
Sharp, John W.	6
Shartle, Carroll L.	606
Shaw, Charles Henry	38
Shaw, Ethelrine	276
Shaw, William M.	312
Sheck, Ronald C.	6, 762
Shocknessy, James W.	298, 303,
	483, 511, 598, 787
Sklar, Ronald B.	605
Slagle, L. Orin, Jr.	605
Smith, Alpheus Wilson	623
Smith, Clayton Sydney	328
Sorensen, Sandra Jane	228
Spohn, Charles L.	485
Srivastava, Ramesh C.	485
Stecker, Frederick	459
Steele, Howard L.	6
Stephen, W. A.	310
Stewart, Philip D.	440
Sullivan, James G., Jr.	371
Syverson, Aldrich	761

T

Tharp, James Burton	41
Thomas, Bertram D.	631, 633
Thomson, Barbara J.	229, 763
Titchener, John B.	606
Troy, Daniel J.	605
Twarog, Leon I.	51

W

Weimer, Ruth H.	586
Weiser, Harry H.	606
Weishaupt, Clara G.	606, 632
Williams, Elsie Lee	228
Wilson, John Harold	606
Wilson, Peggy Coleman	6
Winter, Alden R.	440
Wiren, Alice P.	229
Witthuhn, Burton O.	228
Wojcicki, Andrew A.	632
Wolfe, Albert Benedict	39
Wolf from, Melville L.	299, 785
Woodson, Thomas N.	605

Y

Yaqub, Mohammed	276
Yeager, Willard Hayes	606

Z

Zirbes, Laura	40
Zollinger, Robert M.	299, 785
Zumstein, Robert Victor	470

GENERAL INDEX

1967-1968 Minutes

A

Academic Reorganization of the University	274, 275
Accidental Death and Dismemberment Insurance	220-225, 302, 303
Accountant's Fund, Inc., New York, New York	360
Accountant's Report on the University Dormitory Revenue Bond Funds	329
Accounting, Department of	253
Acquisition of Property	619, 620
Acquisition of Property for Educational, Research, and Service Facilities	38, 505
Additional Stacks for Main Library	578
Administration Building	598, 632
Administration Building Repairs	30
Administrative Officials, Appropriations for	263
Administrative Report	265
Administrative Science, College of	274
Administrative Seminar Fund in the College of Medicine	451
Aerodynamics and Missile Propulsion Laboratory	30
Aeronautical Systems Division, Aerospace Research Laboratories, Wright-Patterson Air Force Base, Ohio	491
Aeronautical Systems Division, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio	490, 567-568
Aeronautical Systems Division, Department of the Air Force, Wright-Patterson Air Force Base, Ohio	490
Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio	489
African-American Institute	498
African-American Institute Fellowship Fund	498
Agency for International Development, Washington, D. C. (Grant)	249
Agency for International Development, Washington, D. C. (Research Foundation Contract)	766
Agreements	15, 245, 246, 772
Agricultural Administration Building - Improvements to Heating and Air Conditioning	461
Agricultural Education Scholarship Fund	456
Agriculture and Home Economics, College of	269, 287
Agronomy, Department of	616
Air Force Aerospace Studies, Department of	758
Air Force Institute of Technology, Air University, Wright-Patterson Air Force Base, Ohio	231, 235, 237
Air Force Missile Development Center, Holloman Air Force Base, New Mexico	12
Air Force Office of Scientific Research, Arlington, Virginia	13, 281, 314, 355, 445, 488, 566
Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio	239, 444, 488, 490, 768
Air Force Systems Command, Systems Engineering Group, Wright-Patterson Air Force Base, Ohio	236, 280-281
Air Reduction Company, Incorporated	253
Air Science, Department of	758
Airco Scholarship in Welding Engineering	253
Aircraft Apron and Fire-Crash and Rescue Building	578
Airport Operations Remodeling	365

Alcoa Foundation	252, 615
Alcoa Foundation Scholarship Fund	252, 615
Allied Medical Professions, School of	434
Allied Medical Sciences School	323
Allied Medical Services, School of	269, 434, 504
Allied-Rentals	253
Allis-Chalmers Company	24
Allis-Chalmers Fellowship Fund in Welding Engineering	24
Alloy Casting Institute, New York, New York	283
Alpha Rho Chi Scholarship Fund	458
Aluminum Company of America, Cleveland, Ohio	24
Alumnae Scholarship House	362
Alumni Distinguished Teaching Awards	632
American Association on Mental Deficiency, Columbus, Ohio	241
American Board of Preventive Medicine Fund	361, 778
American Board of Preventive Medicine, Inc.	361, 778
American Cancer Society	362, 770
American Cancer Society Fellowship	362
American Cyanamid Company	24, 616
American Cyanamid Fellowship Fund for Chemical Engineering	24
American Cyanamid Fellowship Fund for Chemistry	616
American Dairy Association, Chicago, Illinois	496
American Dairy Association Research Fund	496
American Electric Works, Inc., Columbus, Ohio	289, 500
American Federation of State, County and Municipal Employees, Local 138	295
American Foundation for Pharmaceutical Education, Washington, D. C.	319, 574
American Foundation for Pharmaceutical Education Fellowship Fund	319, 574
American Heart Association, New York, New York	242, 283, 569
American Historical Association, Washington, D. C.	241
American Iron and Steel Institute, New York, New York	14, 251, 448
American Iron and Steel Institute Fellowship Fund in Civil Engineering	251
American Medical Association	251
American Oil Foundation	286
American Oil Foundation Fellowship in the Department of Chemistry	286
American Petroleum Institute, New York, New York	240, 491
American Playwrights Theatre	250
American Playwrights Theatre Fund	250
American Welding & Manufacturing Company	362
American Welding & Manufacturing Company Scholarship in Welding Engineering	362
Andersons (The)	450
Andersons Agricultural Research Fund	450
Andrew Corporation, Chicago, Illinois	241
Anesthesia Fellowship Fund	451
Anesthesiology, Department of	759
Annual Reports, Distribution of	263
A-1 Plumbing & Heating, Inc.	367
Appropriations	263, 371
Archer House	622
Architecture, Bachelor of	309
Architecture, Bachelor of Science in	309
Architecture, School of, Endowment Fund	24
Armco Fellowship in Metallurgical Engineering	453
Armco Foundation	453
Armington, Raymond Q., Fund for the College of Engineering	459
Army, Department of, Army Research Office, Durham, North Carolina	444

Army, Department of, Defense Supply Service, Pentagon, Washington, D. C.	10, 236
Army, Department of, Office of Civil Defense, Washington, D. C.	9, 244
Army, Department of the, U. S. Army Medical Research and Development Command, Washington, D. C.	354
Arnold Agricultural Credit Library	3
Arnold, Emil H., Fund for Optometry	577, 617
Arnold, Emil H., Memorial Fund for Optometry	617
Arthritis and Rheumatism Foundation	320
Arts, College of The	274
Arts and Sciences, College of	269, 306
Arts and Sciences, Colleges of the	274, 275
Arts and Sciences, Faculty of the	275
Ashland County Cancer Society	456
Athletic Facility North	30
Athletics, Department of	757
Athletics, Department of, Discretionary Fund	287, 321
Auditor of State's Report	563
Ayerst Laboratories, New York, New York	360

B

Babcock and Wilcox, Atomic Energy Commission, Lynchburg, Virginia	569
Babcock and Wilcox Company	23
Babcock and Wilcox Company (The) (Diamond Power Specialty Company)	777
Babcock and Wilcox Company Fund for Engineering	777
Bachelor of Architecture	309
Bachelor of Science in Architecture	309
Bachelor of Science in Computer and Information Science	307, 472
Baker Hall	622
Baker, Maribelle Seely, Memorial Scholarship Fund	497
Barcus, Miner, Estate of	250
Barnes, Harold R. (Sale of Property)	43
Barnes-Hind Pharmaceuticals, Inc.	25
Barrett House	622
Basketball Ticket Prices	482
Battelle Memorial Institute, Columbus, Ohio	249, 451, 507, 584
Battelle Memorial Institute, Columbus, Ohio (Research Foundation Contracts)	14, 284, 357
Beckman, Theodore N., Fund for Research in Marketing	454
Beecham Research Laboratories, Inc.	251
Bell, F. W., Inc.	244, 358, 493
Bell Telephone Laboratories	573
Bell Telephone Teaching and Research Fund	573
Bennett, James E. (Dr.) (Gift)	456
Berggren, Ronald B. (Dr.) (Gift)	576
Bethlehem Steel Corporation	286, 778
Bethlehem Steel Corporation Research Fund in Metallurgical Engineering	286, 778
Beyer, Ben B., Cleveland, Ohio (Gift)	360
Beyer, Ben B., Scholarship Fund in the Department of Business Organization	360
Biochemistry, Department of	436
Biochemistry and Molecular Biology	436
Biological Sciences	290
Biological Sciences Building	619
Biological Sciences, College of	269, 274, 436
Biophysics	436

Biophysics, Division of	436
Bitonte Dental Student Loan Fund	456
Bitonte, Joseph L. (Dr.)	456
Black and Decker Company (The)	244
Blackburn House	622
Boeing Company, Vertol Division, Morton, Pennsylvania	244
Bond, Charles G., Brooklyn, New York (Gift)	451, 498
Bond, Charles G., Fund	451
Bond, Charles G., Law Library Fund (The)	498
Botany, Department of	436
Boughman Bros., Inc.	34
Boyd, Thomas A. (Gift)	778
Boyer, Ralph L. (Gift)	253
Boyer, Ralph L., Fund for Engineering	253
Bradfield, Idalia (Mrs.), Bequest Under the Will of	495
Bradfield-Watrous Memorial Fund (The)	495
Bradley Hall	622
Bremer Foundation (The)	23, 252, 451, 777
Bremer Foundation Fund	23, 252, 451, 777
Bricker, John W., Professorship in the College of Law	361, 451, 453, 454, 457, 459, 496, 575, 576
Bristol Laboratories	320, 361
Bristol Laboratory Fund in Medical Microbiology	361
Brown-Morse Co.	35
Bruner Corporation	289
Buckeye Federal Savings & Loan Company	361
Buckeye Steel Castings Company, Division of Buckeye Industries, Inc., (J. William Henderson, President)	496
Buildings and Property, Purchase of	261, 372, 464, 465, 504, 619
Bull Barn Replacement	322
Byers, George W., Sr. (Gift)	455
By-Laws of the Board of Trustees	472

C

Campus Drive	437
Campus Loop Road	246
Canfield Hall	622
Carlin, Florence P. (Mrs. Oscar) (Gift)	454
Carlin, Oscar E. (Gift)	454
Carlin, Oscar E., Florence P., David P., and Philip E., Scholarship Fund	454
Carmack Road	437
Carruthers, John L., Fellowship Fund	23
Center for Tomorrow	287, 365, 463, 502, 503
Center for Tomorrow Fund	616
Center for Vocational and Technical Education	319, 361
Central Midwestern Regional Educational Laboratory, Inc., St. Ann, Missouri	14, 357, 447
Central Ohio Heart Association, Inc., Columbus, Ohio	316-318
Ceramic Engineering, Department of	577
Certificate of Earnings Coverage Under Section 6(b) of the Original Bond Resolution Adopted April 8, 1957, for Issuance of \$10,500,000 Dormitory Revenue Bonds, Series I	85
Certificate of Earnings Coverage Under Section 6(b) of the Original Bond Resolution Adopted April 8, 1957, for Issuance of \$3,000,000 Dormitory Revenue Bonds, Series J	129

Certificate Program in Teaching English to Speakers of Other Languages	478
Certificate Program for Translators of Russian in the Social Sciences	479
Certificate Pursuant to Section 2.03(4) of Trust Agreement Between the University and The Ohio National Bank of Columbus, as Trustee, Dated April 15, 1957 for Issuance of \$10,500,000 Dormitory Revenue Bonds, Series I	89
Chadwick, L. C., Research Fund	573
Change Orders on Construction, Remodeling, and Repair Projects	31
Chemical Engineering, Department of	24, 25, 450
Chemical Research Facilities	30
Chemistry, Department of	449, 450
Chemistry Research Facilities	290, 578
Chevron Oil Company, The California Company Division, New Orleans, Louisiana	498
Chrysler Corporation Fellowship Fund	320
Chrysler Corporation Fund	320
C. I. E., Inc.	456
C. I. E., Inc., Matching Gift Program	456
Cincinnati Milling Machine Company, Cincinnati, Ohio	358
City National Bank	451
Claggett Electric Co.	368
Class of 1916 Fiftieth Anniversary Fund	576
Class of 1917 Fiftieth Anniversary Fund	253
Clemons, Kenneth M. (Gift)	362
Cline, Arthur R., Toledo, Ohio (Gift)	363
Cline, Arthur R., Fund for College of Law	363
Cohen, Dolly (Mrs. A. B.) (Gifts)	24, 287, 363, 456
Cole, John Dana (Gift)	320
Cole, John Dana, Fund	320
Columbus Board of Education, Columbus Public Schools, Columbus, Ohio	357
Columbus Children's Psychiatric Hospital, Columbus, Ohio	15
Columbus, City of	505, 584
Columbus Foundation	253
Columbus Jewish Welfare Foundation	454, 498
Columbus and Southern Ohio Electric Company	584, 781
Columbus and Southern Ohio Electric Company - Home Service Department	778
Columbus Technical Institute	772
Commerce and Administration, College of	269, 306
Commerce and Administration, College of, Fund	451
Completion of Curl Drive	30
Computer and Information Science	307
Computer and Information Science, Bachelor of Science in	307
Computer and Information Science, Department of	760
Computer and Information Science, Doctor of Philosophy in	307
Computer and Information Science, Master of Science in	307
Conard, John B. (Gift)	321
Conard, John B., Fund in Ceramic Engineering	321
Continental Can Company (The), Chicago, Illinois	492
Cooper-Bessemer Company, Mt. Vernon, Ohio	360
Cooper-Bessemer Engineering Award Fund in the College of Engineering	360
Cooper-Bessemer Scholarship Fund in the College of Engineering	360
Cooperative Extension Service	757
Cooperative School Board Project in the College of Education	251
Coplan, Shirley and Robert C., Scholarship Fund	576
Corn Industries Research Foundation Fund	496

Corn Refiners Association, Inc., Washington, D. C.	496
Corneal Biophysics Laboratory Fund	25
Corrugated Container Co. (The)	456
Corrugated Container Company Fund	321, 456
Cottrill, Ronald Gene (Special Policeman Commission)	371
Court Cases	511
Critchfield, Robert M. (Gift)	453
Critchfield, Robert M., Fund in Engineering	453
Curl Drive, Completion of	30
Curl Drive, Phase I	30

D

Dale, Edgar (Gift)	616
Danforth Foundation (The)	251
Daulton, W. F., Co., Inc.	366
Davis, Byron W. (Property Held Under Trust)	42
Davis, Byron W. and Mabel, Memorial Fund	359
Davis, Byron W., Trust Under the Will of	359
Davis, Jacob E. (Gift)	453
Davis, Jacob E., Fund for College of Law	453
Dayco Corporation, Springfield, Ohio	771
Dayton Branch, Phase II	30, 291
Dayton Power and Light Company (The)	505
Deafness Research Foundation (The), New York, New York	447
Dean for Undergraduate Programs in the Colleges of the Arts and Sciences	275
Degrees	4, 42, 307, 309, 350, 472, 478, 481, 602
Demolition of Buildings	783
Demolition of Buildings - Laneview Area	782
Denman Rubber Manufacturing Company	456
Dental Hygiene and Dental Laboratory Technology	269
Dentistry Centennial Fund	614
Dentistry, College of	269
Dentistry, College of, Named Professorship Fund	362
Department of State, Agency for International Development, Washington, D. C. (Grant)	19
Department of State, Agency for International Development, Washington, D. C. (Research Foundation Contracts)	280, 314, 443
Derby Hall Computer Facility	618
Distinguished Service Awards	603
Distinguished Teaching Award Program	453
Doan, Charles Austin, Fund	457
Doctor of Philosophy in Biostatistics	42
Doctor of Philosophy in Computer and Information Science	307, 472
Doctor of Philosophy in Medical Microbiology	42
Dodd Hall Addition	289-290, 291, 323, 369, 464
Dorfman, Lionel E. (Dr.) (Gift)	498
Dormitory Room and Board Rates	621
Dow Chemical Company (The)	24
Drackett Tower	622
Drake, Edward S. "Beanie," Student Leader Endowment Fund	254
Drake, Edward S., Scholarship Fund	254
Drinko, John D. (Gift)	457
duPont de Nemours, E. I., and Company	252, 450
duPont Fund for Research in Chemistry	252

E

Earned Indirect Costs	27
Easements	293, 465, 505, 583, 584, 781
East Central Ohio Heart Association, Canton, Ohio	357
Eastman Kodak Company	252
Eastman Kodak Research Grant in Education	252
Education, College of	269
Education, School of	436
Edwards, J. T., Company Foundation, Inc. (Gift)	320
Edwards, J. T., Company Scholarship Fund	320
Electric Power Equipment Co. (The)	366, 502
Electrical Engineering, Department of	459
Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts	234, 490, 566, 608
Electronics Laboratories	291
Electronics Laboratory	309
ElectroScience Laboratory	619
Engineering Classrooms and Laboratories	30, 290, 578
Engineering, College of	269, 497, 574
Engineering Experiment Station	15, 42, 242-245, 285,
	292, 319, 358, 448, 474, 492, 570-571, 604
Enrollment - Final Report	334
Enrollment - Preliminary Report on	300
Entomology	436
Epilepsy Foundation (The), Washington, D. C.	491
Erie County Cancer Society	362, 457
Erie County Cancer Society Fund for Obstetrics and Gynecology	362, 457
Esso Education Foundation, New York, New York	451
Esso Graduate Fellowship	451
Esso Graduate Fellowship in Chemical Engineering	451
Extra Orders Approved by the President, Summary of	30

F

Fahey, John J. (Dr.), Chicago, Illinois (Gift)	452
Fahey, John J., Fund	452
Failer, Josephine S. (Gifts)	362, 778
Fawcett, Novice G., Professorship in Educational Administration Washington, D. C.	453, 457, 498, 576
Federal Aviation Administration, Washington, D. C.	237
Federal Aviation Administration, Installation and Material Services, Washington, D. C.	236
Fees	219, 267, 333, 480, 631
Ferro Corporation, Cleveland, Ohio	574
Ferro Corporation Fellowship Fund	574
Field Enterprises Educational Corporation Fund	616
Fieldner, Arno C., Bequest Under the Will of	450
Fieldner, Arno C., Research Fellowship in Chemical Engineering (The)	450
Fifth Supplemental Trust Agreement	97
F. I. R. E. Fund in Ceramic Engineering	360
Firestone, Harvey S. (Mrs.) (Gift)	459
Firestone, Harvey S., Jr. (Gifts)	362, 616
Fischer, Louis C., King of Prussia, Pennsylvania (Gift)	615
Fishel Co. (The)	256, 257, 501
Fisher, Max M. and Marjorie S., Foundation (The)	363

Fisher, Max M., Fund	363
Floriculture Plastic Greenhouse Fund	778
Food Facility, Phase III	30
Football Ticket Prices Effective 1968-69 Season	481
Ford Foundation (The), 477 Madison Avenue, New York, New York	21, 250
Ford Motor Company, Dearborn, Michigan	360, 771
Ford Motor Company Fund in Mechanical Engineering	360
Forging Industry Educational and Research Foundation, Cleveland, Ohio	778
Foster, Ellen (Purchase of Property)	372
Foster, Retta Diane (Resolution in Memoriam)	784
Foundation in Refractories Education, Pittsburgh, Pennsylvania	360
Fourth Supplemental Trust Agreement	53
Franklin, County of	583
Freshman Honor Scholars for 1968-69	788
Freshwater, Harrison and Associates	619
Fridd, Nancy M. (Delewese) et al (Purchase of Property)	619, 620
Friedman Foundation, Tiffin, Ohio	451
Friends of Music Fund	451
Fullen, John B., Scholarship Fund	576
Fund for Progress in Urology	498

G

Ganger, Robert M., Bronxville, New York (Gift)	451
Garwick, J. Parker, Fund	778
Garwick and Ross	257, 366
Garwick & Ross, Inc.	778
General Electric Company, Ossining, New York	360, 496
General Electric Graduate Research and Study Grant Fund in Aeronautical and Astronautical Engineering	360, 496
General Foods Corporation, Kankakee, Illinois	611
General Foods Fund Fellowship in Home Economics	251
General Foods Fund, Inc.	251
General Motors Corporation, Detroit, Michigan	450
General Motors Corporation Scholarship Fund	450
General Surgery Fund	456
General Telephone and Electronics Foundation	457, 615
Genetics	436
Gesling Company (The)	503, 580
Gifts-in-Kind	25, 287, 459, 577, 616
Gleason, Emmet Blakeney, Memorial Fund, Inc., Rochester, New York	574
Gleason, Emmet Blakeney, Scholarship Fund	574
Golf Course Club House	367
Golf Course Superintendents Association of America	576
Golf Course Superintendents Association of America Research Fund	576, 777
Goodrich, B. F., Company	25
Goodsell, Robert E. (Gift)	457
Goodyear Aerospace Fellowship Fund in Aeronautical and Astronautical Engineering	360
Goodyear Fellowship Fund in Organic Chemistry	360
Goodyear Foundation Scholarship Fund in Chemical Engineering	360
Goodyear Tire & Rubber Company, Akron, Ohio	360
Goss Laboratory - Manifold System Remodeling	258
Graduate Business Program Fund	287
Graduate Nursing Education Fund (The)	615

Graduate Research Center for Biological Sciences	579-581
Graduate School	268
Griffith, Charles W., Memorial Fund	287, 362, 456
Griffith Foundation for Insurance Education	287, 456
Group Life Insurance Program	220-225, 302, 303
Guenther Plumbing and Heating	501
Guernsey County Cancer Society	361
Guernsey County Cancer Society Fund	361
Gulf Oil Corporation Foundation, Pittsburgh, Pennsylvania	360
Gulf Oil Corporation Graduate Fellowship	360
Gulf Petroleum Grant Fund for the Petroleum Engineering Division of the Department of Chemical Engineering	360
Gurina Company (The), Columbus, Ohio	288

H

Hagerty, James E., Chair Fund	25
Halloran House	622
Hamilton Equipment Co.	258
Hamilton Mfg. Co., Two Rivers, Wisconsin	369
Hammond, William A. (Dr.) (Gift)	321
Hammond, William A., Lectureship Fund	321
Harsco Corporation Matching Gift Fund	498
Hartford Foundation, John A. (The) (Gift)	23
Haskett Hall	604
Havener, William H., M. D. (Gift)	450
Havener, William H. (Mrs.) (Gift)	285
Haverfield House	622
Headquarters, U. S. Air Force, Pentagon, Washington, D. C.	233
Headquarters, U. S. Army Missile Command, Redstone Arsenal, Alabama	767
Health, Education, and Welfare, Department of, Bureau of Health Services, Arlington, Virginia	11-12
Health, Education, and Welfare, Department of, Bureau of State Services, Arlington, Virginia	231, 232
Health, Education, and Welfare, Department of, Bureau of State Services, Washington, D. C.	9, 10
Health, Education, and Welfare, Department of, National Institutes of Health, Bethesda, Maryland	607
Health, Education, and Welfare, Department of, National Institutes of Health, Washington, D. C.	239
Health, Education, and Welfare, Department of, Office of Education, Washington, D. C. (Grants) 18, 20-22, 247, 248, 449, 572, 612, 613, 773, 774	
Health, Education, and Welfare, Department of, Office of Education, Washington, D. C. (Research Foundation Contracts) 9, 11, 12, 234, 282, 314, 567, 767	
Health, Education, and Welfare, Department of, Office of Education, Bureau of Higher Education, Washington, D. C. 20202 (Grants) 17, 247, 493, 494, 495, 571, 776	
Health, Education, and Welfare, Department of, Public Health Service, Arlington, Virginia 22203 (Grants)	247, 248
Health, Education, and Welfare, Department of, Public Health Service, Bethesda, Maryland (Grants) 17-22, 247-249, 449, 493-495, 572, 612-614, 773-777	
Health, Education, and Welfare, Department of, Public Health Service, Washington, D. C.	7
Health, Education, and Welfare, Department of, Public Health Service, Bureau of Disease Prevention and Environmental Control, Washington, D. C.	233

Health, Education, and Welfare, Department of, Public Health Service, Bureau of Health Manpower, Arlington, Virginia	354, 441
Health, Education, and Welfare, Department of, Public Health Service, Division of Health Manpower Educational Services, Arlington, Virginia 22203	571, 572
Health, Education, and Welfare, Department of, Public Health Service, Division of Health Manpower Educational Services, Bethesda, Maryland	773
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Center for Chronic Disease Control, Bethesda, Maryland	765
Health, Education, and Welfare, Department of, Public Health Service, Health Services and Mental Health Administration, National Center for Urban and Industrial Health, Bethesda, Maryland	765
Health, Education, and Welfare, Department of, Public Health Service, National Center for Air Pollution Control, Bethesda, Maryland	486
Health, Education, and Welfare, Department of, Public Health Service, National Center for Chronic Disease Control, Arlington, Virginia	281, 567
Health, Education, and Welfare, Department of, Public Health Service, National Heart Institute, Bethesda, Maryland (Research Foundation Contracts)	282, 489, 607-609, 764, 765, 768
Health, Education, and Welfare, Department of, Public Health Service, National Institute of Neurological Disease and Blindness, Bethesda, Maryland (Research Foundation Contracts)	239, 240, 489, 566, 764, 766-767
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bethesda, Maryland (Grants)	247, 449, 572, 613
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bethesda, Maryland (Research Foundation Contracts)	7-11, 230-237, 239, 277-283, 312-313, 315, 353-355, 441-443, 445, 487-489, 608, 609
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Allergy and Infectious Diseases, Bethesda, Maryland	486, 487, 489, 566, 567, 608, 609
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Arthritis and Metabolic Diseases, Bethesda, Maryland	486, 568, 610, 768
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Behavioral Sciences Research Branch, Bethesda, Maryland	488
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Physician Manpower, Bethesda, Maryland	768
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Child Health and Human Development, Bethesda, Maryland	487
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Dental Research, Bethesda, Maryland	565, 769
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Disease Prevention and Environmental Control, Washington, D. C.	565, 566
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, Environmental Health, Bethesda, Maryland	567, 608
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, General Medical Sciences, Bethesda, Maryland	608

Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland	565, 607, 764-766
Health, Education, and Welfare, Department of, Public Health Service, National Institutes of Mental Health, Bethesda, Maryland	355, 486, 766
Health, Education, and Welfare, Department of, Public Health Services Administration, Bureau of Disease Prevention and Environmental Control, Bethesda, Maryland	7, 764, 767
Health, Education, and Welfare, Department of, Regional Office, 226 West Jackson Blvd., Chicago, Illinois 60606	494
Health, Education, and Welfare, Department of, Social and Rehabilitation Service, Children's Bureau, Washington, D. C. 20201	612
Health, Education, and Welfare, Department of, Solid Wastes Program, Bethesda, Maryland	233
Health, Education, and Welfare, Department of, Vocational Rehabilitation Administration, Washington, D. C. (Grants)	247, 248, 249
Health, Education, and Welfare, Department of, Vocational Rehabilitation Administration, Washington, D. C. (Research Foundation Contract)	313
Health, Education, and Welfare, U. S. Department of	2, 373
Health Research, Inc., Roswell Park Division, Buffalo, New York	316
Health Sciences Information Center	37, 782
Heart Association of Eastern Ohio, Youngstown, Ohio, and Northwestern Ohio Heart Association, Toledo, Ohio	447, 569
Heckett, E. N. (Mrs.) (Gift)	616
Heer Foundation (The)	457
Hematology, Division, and Oncology Research Fund	615
Henne, Albert L., Memorial Fund	614
Henninger, Fontaine R. (Gift)	453
Hercules Incorporated	24
Hercules Incorporated Fund for the Department of Chemical Engineering	24
Hess Property (Demolition of)	783
High, Charles F., Foundation (The)	319, 496, 615
High, Charles F., Foundation Scholarship Fund (The)	319, 496, 615
Hildreth Foundation, Inc. (The)	253
Hirsch, Irene D. (Gifts)	24, 286, 453, 575
Holroyd and Myers	323
Holzapfel Construction Co., Columbus, Ohio	322
Honeywell, Inc.	580
Honorary Degrees	4, 479, 564, 602
Horticulture and Forestry Building - Partial Remodeling	779
Horticulture, Forestry, and Food Technology Center	34, 35
Horticulture, Forestry, and Food Technology Facility	290, 291, 464
Houck House	622
Howard, Jess, Electric Co.	367
Hoyer, William B. (Gift)	498
Huffman-Wolfe Co. (The)	33, 36, 258, 368, 502
Hull, James B. (Dr.) (Gift)	457
Hull, James B., Fund	457
Humanities Center - Foreign Language Building	259, 291, 322, 370, 463, 464
Humanities Center - Speech Building	291
Humanities, College of	274

I

Ice Hockey Ticket Prices	482
Illuminating Engineering Research Institute, New York	356-357, 770
Improvements, Equipment, and Contingencies	290, 291
Industrial Arts Visual Aids Fund	285
Infectious Disease Research Fund	23, 251, 252, 360, 451, 777
Inland Steel-Ryerson Foundation Fellowship Fund	320
Inland Steel-Ryerson Foundation, Inc.	320
Inscho, C. Curtiss, and Associates	37, 782
Institute for Research in Vision	250, 252, 319
Insurance Hall of Fame Room	362, 457, 459
Insurance Program for Faculty and Staff	220-225, 437
Insurance Program for Faculty, Staff, and All Regular Employees	301
Interim Financing - \$3,000,000 Dormitory Revenue Notes, Series 1967	46
Interior, Department of, Federal Water Pollution Control, Washington, D. C.	442
Interior, Department of, Federal Water Pollution Control Administration, Washington, D. C.	20
International Brotherhood of Electrical Workers	285, 616
International Brotherhood of Electrical Workers Demonstration Film Project	616
International Business Machines Corporation	252
International Business Machines Corporation Fellowship Fund	252
International Nickel Company Fellowship Fund	251
International Nickel Company, Inc. (The)	251
International Program Development	51
Investment Counsel	262
Investment Portfolio	330
Ireland, Robert L., III (Gift)	451
Ireland, Robert L., III, and Jacqueline Ireland Fund	451
Issuance and Sale of \$10,500,000 Dormitory Revenue Bonds, Series I	44
Issuance and Sale of \$3,000,000 Dormitory Revenue Bonds, Series J, and the Dormitory Revenue Notes, Series, 1967	49

J

Jasam Foundation, Inc.	321
Jewish Community Federation of Cleveland (The)	576
Jockey Club, Inc. (The), New York, New York	14
Jones-Stuckey Ltd.	630
Joyce, Glenna R., Scholarship Fund	359
Joyce, Glenna R., Trust Under the Will of	359
Joyce Products Company (The)	252
Justus, Henry A., Inc.	579, 780

K

Kaiser Aluminum and Chemical Corporation	24, 778
Kaiser Aluminum and Chemical Corporation Fellowship Fund in Mechanical Engineering	24, 778
Kavanagh, Lawrence W. (Mr. and Mrs.) (Gift)	455
Kavanagh, Lawrence W. (Mr. and Mrs.), Fund	455
Keen-Air Conditioning Corp.	581, 780
Kelly Sheet Metal	500
Kennecott Copper Corporation	361
Kennecott Copper Corporation Fellowship in Metallurgical Engineering	361
Kennedy, Carol S. (Gift)	454

Kennedy, Helen C. (Miss), Estate of	250, 319, 614
Kennedy, T. J., Family Fund	461, 614
Kent Foundation (The)	320
Kent State University, Kent, Ohio	241
Kessinger, Herbert (Dr.) (Gift)	457
Knight, John S., Fund	457
Knowlton Construction Co.	34, 368, 502, 503
Koffolt, Joseph H., Undergraduate Scholarship Award in Chemical Engineering	452, 496, 616, 778
Kohn, Joseph W., Fund	26
Kuempel Co.	32

L

Lab Research Fund	456
Laboratory Animal Facility	260
Ladies Auxiliary Veterans of Foreign Wars	361
Lamme, Benjamin G., Meritorious Achievement Medal	562
Law, College of	269, 321
Law, College of, Research Fund	457
Law, College of, Student Financial Aids Fund	456
Lazarus, Charles Y. (Gift)	25
Lazarus, Charles Y. and Frances N., Foundation (Gifts)	287, 778
Lazarus, Charles Y., Tuition Fund	287
Lazarus, F. & R., and Company (The) (Gift)	452
Lazarus, Simon, Foundation (The) (Gifts)	25, 576
Lazarus Store Foundation (Robert Lazarus, Sr. and Fred Lazarus, Jr.) (Gift)	361
Lederle Laboratories, Division of American Cyanamid Company, Pearl River, New York	615
Lederle Medical Faculty Award Fund	615
LeFevre, Howard E. (Gift)	457
LeFevre, Howard E. and Catherine B., Scholarship Fund	457
Levine, George M. (Gift)	498
Lewis, Grif M., Inc.	367
Library Elevator Remodeling	461, 579
Licklider Foundation (Gift)	457
Licklider, Ralph S., Family Fund	457
Lieb-Jackson Co.	257
Life Insurance Medical Research Fund, Rosemont, Pennsylvania	447
Lilly, Eli, and Company	23
Lima Branch	290, 437
Lima Campus - Phase I	30
Lima Campus - Phase II	34, 260
Limbach Company, Columbus, Ohio	259, 289, 367
Lincoln Tower	622, 783
Lindberg Hevi-Duty, Division of Sola Basic Industries, Chicago, Illinois	616
Link Foundation Fund for Aviation Medicine (The)	576
Link Foundation, Trustees of	576
Littman, Harry S. (Gift)	457
Loan Agreement	510
Loop, Alan B. (Gift)	456
Lord & Burnham, Division of Burnham Corp.	35
Lorenz and Williams	37
Love, Mary McCaughey (Mrs. John) (Gift)	457
Lovett Meat Company	24

Lovett, Ralph S., Scholarship Fund	24
Lybrand, Ross Bros. & Montgomery Accounting Fellowship in the Department of Accounting	360

M

Mack Hall	622
Magnuson, Robert H. (Dr.) (Gifts)	285, 457
Major Medical Insurance	220-225, 303, 437
Mansfield Branch	290, 582
Mansfield Branch Scholarship Fund	253
Mansfield O. S. U. Scholarship Foundation	253
Mansfield - Phase I	30
Marable, Samuel, M.D. (Gift)	456
Marine Colloids, Inc., Springfield, New Jersey	241
Marion Campus	293, 563
Markle, John and Mary R., Foundation (The) (Gifts)	251, 451, 574
Markle, John and Mary R., Fund	251, 451
Marks, Bernard H., M.D. (Gift)	456
Marquand, Carl B. (Gifts)	321, 498
Marquand, Carl B., Fund for Continuing Education	321, 498
Martin, Harland T. (Gift)	456
Martin, John C., Fund	26
Master of Arts	478
Master of Arts in Chinese Language and Literature	42
Master of Science in Computer and Information Science	307, 472
Master of Science in Medical Microbiology	42
Materials Engineering and Science Building	579
Mathematics and Physical Sciences, College of	274
Mathieson, Olin, Charitable Trust	253
Mathieson, Olin, Summer Project in Mechanical Engineering	253
Matthews, Nellie C., Memorial Fund	359
Matthews, Nellie C., Trust Under the Will	359
McCarty Brothers Electric Co.	259
McCracken Power Plant - Additional Boiler and Remodeling of Existing Boilers	261
McCracken Power Plant - Conversion of No. 5 Boiler to Gas	31, 288
McCracken Power Plant - Elevator Modernization	500, 780
McCracken Power Plant - Fuel Oil System Remodeling	32, 289
McCracken Power Plant - Installation of Emergency Generator	500
McCracken Power Plant - Installation of 750 KW Standby Turbine Generator	322
McCracken Power Plant - Modernization of No. 3 Boiler	365, 501
McGee and Albert	371, 781
McGurer Property (Purchase of Property)	506
McNamara, Gertrude Saylor, Memorial Fund	457
McNamara, J. Paul (Gift)	457
McNeil Laboratories, Fort Washington, Pennsylvania	451
Means Hall Remodeling - Extension of Architects Contract	781
Means, William J., Hall	437
Mechanism of Hypertension Fund in the College of Medicine	574
Medical Basic Science	292
Medical Basic Science Building	257
Medical Center	505, 584
Medical Center Library	582
Medical Center Utilities	256, 291, 292
Medical Complex	260, 292, 370, 504, 582

Medical Research Consultants Fund	251, 287, 320, 361, 451, 497
Medical Science Building	582
Medicine, College of	15, 23, 269, 361
Medicine, College of, Administrative Seminar Fund	451
Medicine, College of - Land	290
Medicine, College of, Mechanism of Hypertension Fund	574
Melton, Esther C. (Mrs. Samuel), Estate of	23
Melton, Michael S., Hebrew Library Fund	498
Melton, Samuel and Esther C., Chair of Jewish History and Studies	23
Men's Glee Club Fund	362
Mental Retardation Center	260, 370
Mershon Fund	371, 620
Metallurgical Engineering, Department of	286, 450, 777
Miami Valley Heart Chapter, Greene County Branch, Xenia, Ohio	316
Microbial and Cellular Biology	436
Microbiology, Department of	436
Mid-City Electric Co.	504
Midwestern Volkswagen Corporation	620
Millard Foundation (The)	457
Miller, Harry M. (Gift)	457
Miner, Caroline, James Henry Barcus, Ebenezer Barcus, and Miner Barcus Memorial Fund	250
Minnesota Mining & Manufacturing Company	575
Minnesota Mining & Manufacturing Company Fellowship in Ceramic Engineering	575
Minnesota Mining & Manufacturing Company Scholarship in the College of Engineering	575
Modern Language Association of America, Center for Editions of American Authors, New York, New York	316
Monett, Howard B. (Sale of Property)	374
Monkey Fistula Fund	361
Montgomery Foundation, Coshocton, Ohio (Gift)	252
Montoney's Heating & Piping Co.	368, 502
Morrill Tower	622, 783
Morris, Mark L., Animal Foundation, Denver, Colorado	253, 320, 452, 574, 777
Morris, Mark L., Animal Foundation in the College of Veterinary Medicine	253, 320, 452, 574, 777
Morris, William T., Foundation, Inc. (Gift)	253
Morris, William T., Foundation Scholarship in Welding Engineering	253
Morrison Tower	622
Mortar Board	473
Motor Vehicle, Traffic, Parking and Watercraft Regulations Affecting the Columbus and Branch Campuses	5
Moulenbelt and Seifert	261
Mount, Bertha Alice Watts, Memorial Fund	497, 778
Murphy, Fred A. (Gift)	363
Murphy, Jeanette G., Estate of	253
Murphy, Jeanette G., Memorial Fund	253

N

Named Chair	438
Named Professorship	759
Naming of Buildings	309, 437, 604
Naming of Streets	437, 563
National Academy of Engineering, Washington, D. C.	570
National Aeronautics and Space Administration, Washington, D. C. (Grant)	493

National Aeronautics and Space Administration, Washington, D. C. (Research Foundation Contracts)	237, 278-281, 566, 568
National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland	768
National Aeronautics and Space Administration, Lewis Research Center, Cleveland, Ohio	609
National Aeronautics and Space Administration, Manned Spacecraft Center, Houston, Texas	235
National Aeronautics and Space Administration, Office of Grants and Research Contracts, Washington, D. C.	486
National Board of Boiler and Pressure Vessel Inspectors, Columbus, Ohio	244
National Center for Radiological Health, Bethesda, Maryland	11
National Center for Urban and Industrial Health, Public Health Service, Cincinnati, Ohio	354, 487
National Council on Schoolhouse Construction (The)	245
National Education Association, Washington, D. C.	284
National Endowment for the Humanities, Washington, D. C.	611
National Foundation - March of Dimes, Columbus, Ohio	240-241
National Fund for Graduate Nursing Education (The)	615
National Fund for Medical Education	251
National Gas and Oil Corporation	465
National Municipal League, New York, New York	242, 491
National Science Foundation, Washington, D. C. 20550 (Grants)	17, 22, 248, 448, 449, 493, 614, 775, 776, 777
National Science Foundation, Washington, D. C. 20550 (Research Foundation Contracts)	11-13, 232, 233, 236-239, 283, 315-316, 355-356, 442, 444-446, 490-491, 568, 609-610, 766-769
National Society for the Prevention of Blindness Fund	253
National Society for the Prevention of Blindness, Inc.	253
National Society of Professional Engineers, Washington, D. C.	15, 448
National Steel Foundation, Weirton, West Virginia	320
National Steel Foundation Fellowship in Metallurgical Engineering	320
Nationwide Fellowship Fund for Industrial Engineering	453
Nationwide Foundation	453
Natural Resources, Institute of	434
Natural Resources, School of	434
Navy, Department of, Naval Air Systems Command, Washington, D. C.	282, 609
Navy, Department of, Office of Naval Research, Washington, D. C.	230, 277, 279, 441, 443, 486, 489, 607, 764
Navy, Department of, U. S. Naval Air Development Center, Warminster, Pennsylvania	237
Navy Purchasing Office, Brooklyn, New York	446
Nesbitt, Hazel Zeller (Gift)	454
Nesbitt, Hugh E., Memorial Fund	454
Newark Branch	291, 292, 437, 465
Newark Campus Scholarship Endowment Fund	363
1967 Senior Class Memorial Scholarship Fund	24
Nite Out Committee	252
Nite Out Student Loan Fund in the Health Center Area	252
Nordholt, James S., Sr., Tiffin, Ohio (Gift)	454
Nordholt, John B., Jr., Tiffin, Ohio (Gift)	454
Nordholt, John B., Memorial Scholarship Fund	454
North American Aviation Fellowship in Aviation Medicine	777
North American Rockwell Corporation, Columbus Division	777
North Central Breeders Research Council	286
North Central Breeders Research Council Fund	286

Northwestern Ohio Heart Association, Toledo, Ohio	242, 284, 570
Northwestern Ohio Heart Association, Toledo, Ohio, and Heart Association of Eastern Ohio, Youngstown, Ohio	447, 569
Norton House	622
Nosker House	622
Nursing, School of	269, 291

O

Obrig Laboratories, Inc.	253
Obrig Laboratories, Inc., Fund for the School of Optometry	253
Odontos Fund	614
Office of Civil Defense, Washington, D. C.	319
Office of Naval Research, Washington, D. C.	445
Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C.	610
Ohio Bell Telephone Company	781
Ohio Board of Regents 42, 299, 333, 472, 494, 613, 631,	785
Ohio Canners and Food Processors Association	455
Ohio Canners and Food Processors Memorial Fund	455
Ohio Contractors Association, Columbus, Ohio	611
Ohio Dairy Products Research Fund	254
Ohio Edison Company (The)	293
Ohio Electric Utility Institute	319
Ohio Electric Utility Institute Fellowship Fund in the Department of Electrical Engineering	319
Ohio Florists Association	497, 778
Ohio Florists Association Fellowship Fund	497
Ohio 4-H Club Foundation Fund	576
Ohio Lions Club	285
Ohio Lions Club, Jackson, Ohio	252
Ohio Lions Club Blindness Research Fund	285
Ohio Lions Optometry Faculty Research Fund	252
Ohio Lions Research Foundation, Jackson, Ohio	252
Ohio Nurserymen's Association, Inc. (The)	573
Ohio, State of, Department of Development, Columbus, Ohio	13
Ohio, State of, Department of Education, Division of Special Education	772
Ohio, State of, Department of Education, Division of Vocational Education	245, 573
Ohio, State of, Department of Health, Columbus, Ohio	240
Ohio, State of, Department of Highways. 15, 242, 243, 448, 492, 570, 571, 770	
Ohio State University Budget(s) (The)	218, 754
Ohio State University College of Medicine Ophthalmologic Center (The) 285, 363, 450, 456, 457, 615	
Ohio State University Development Fund (The)	481, 513, 756
Ohio State University Development Fund (The) (Gifts) 27, 255, 287, 321, 364, 460, 499, 577, 618, 779	
Ohio State University Dormitory Revenue Bonds, Series I (The)	53
Ohio State University Dormitory Revenue Bonds, Series J (The)	97
Ohio State University Dormitory Revenue Note, Series 1967 (The)	93
Ohio State University Parking System Revenue Notes, Series 1968 (The)	795
Ohio State University Research Foundation (The)	562, 563, 757
Ohio State University Student Leader Award Fund	254
Ohio Steel Foundry Company (The), Lima, Ohio	459
Ohio Tuberculosis and Health Association, Columbus, Ohio	240, 610
Ohio Tuberculosis Hospital	437
Ohio Turfgrass Foundation	777

Ohio Union - Third Floor Addition, South Wing	578
Ohman, Galen F. (Gift)	458
Ohsner, Clarence S. (Gift)	457
Olin Mathieson Charitable Trust (Gift)	253
Olin Mathieson Summer Project in Mechanical Engineering	253
Operation Eye Research Fund	456, 457, 459
Operator Training Committee of Ohio, Inc., Columbus, Ohio	245
Ophthalmology Teaching Fund	450
Optometry, College of	274
Optometry, School of	269
Organismic and Developmental Biology	436
Orton, Edward, Jr., Ceramic Foundation (The)	23, 576, 577
Orton, Edward, Jr., Foundation Fellowship in Mineralogy Fund (The)	576
Osborn, Herbert, Scholarship Fund	454
Ottawa Club Fund	458, 616
Owens-Illinois Fellowship in Ceramic Engineering	453
Owens-Illinois, Inc.	320, 453
Owens-Illinois Scholarship Fund	320

P

Park Hall	622
Parke, Davis & Company, Detroit, Michigan	251, 616
Parke, Davis & Company Fellowship Fund	251
Parke, Davis and Company Research Fund in Chemistry	616
Parking Ramp - Ohio Union Site	256, 366
Parking System Revenue Notes, Series 1968	788
Paterson Hall	622
Patterson, Pamela Sue (Resolution in Memoriam)	784
Patton, Thomas F. and Arline, Foundation	453
Patton, Thomas F., Fund in the College of Law	453
Payne Fund Communications Research	496
Payne Fund, Inc.	496
Payt Construction Co.	581
Pedestrian Bridge Over Olentangy River and Olentangy River Road	466
Pence Electric Company, Columbus, Ohio	289, 369, 780
Penta County Technical College	772
Peppe, Michael (Gift)	575
Peppe, Michael - Carl Wirthwein Scholarship Fund (The)	617
Peppe, Michael, Scholarship Fund	458, 575, 617
Peterson Construction Co.	34
Petroleum Research Fund, American Chemical Society, Washington, D. C.	14, 240, 284, 316, 318
Pfizer, Charles, & Company, Inc.	252, 451, 777
Pharmacology Teaching Fund	456
Pharmacy Building	291
Pharmacy, College of	269
Pharmacy, College of, Conference Room Fund	362
Pharmacy, College of, Self-Medication Study Fund	496
Phillips Petroleum Company	616
Photography and Cinema, Department of	760
Photography, Department of	760
Physical Education Building	620
Physical Education, Department of	758
Physical Education, School of	758
Physics Building	504

Pike, C. W., & Sons	256
Pinedale-Rochdale Student Fund	286
Piping Contractors Company	259, 366, 463
Plans and Specifications 31, 32, 256, 288, 322, 365, 461, 462, 499, 500, 618, 779	
Plastic Surgery Fund in the College of Medicine	576
Policy for the Management of The Ohio State University Endowment	
Portfolio, Statement of	330
Polster, Louis R., Co.	290, 503
Porthouse, C. R., Charitable Trust Fund	25, 452, 496, 616
Porthouse, Cyril R. and Roberta Diehl (Gift)	25
Porthouse Foundation Fund for Chemical Engineering	25
Postle, Wendell D. (Dr.)	458
Postle, Wendell D. and Helen R., Loan Fund	458
Power, Donald C. (Gift)	458
Power, Donald C., Fund in the College of Commerce and Administration	615
Power, Donald C., Fund for the College of Law	457, 458
President's Report	263
Preston, E. S., & Associates, Ltd., Columbus, Ohio	246
Pride, Frederick W. R. (Gift)	321
Printing Facilities	260
Procter and Gamble Company (The), Cincinnati, Ohio	14, 252, 497
Procter and Gamble Fellowship Fund in Chemical Engineering	252
Programs Dealing With Socio-Economic Problems, Resolution Supporting	483
Progress Road	437
Proprietary Association (The), Washington, D. C.	496
Public Welfare Foundation, Inc.	576, 615

R

Ralph and Curl	465
Raney Commons	30
Reckless Canada and Puerto Rico Research Fund	24, 286, 453, 575
Reco Electric Co.	582, 780
Reese, Everett D. (Gifts)	450, 496
Reese, Everett D., Chair of Banking and Monetary Economics	438
Reese, J. Gilbert (Gift)	454
Reese, J. Gilbert, Scholarship Fund	454
Refractories Institute (The)	616
Refractories Institute Research Fund in Ceramic Engineering	616
Regents of the University of Wisconsin (The)	14, 240, 357, 446, 770
Reiser, Max H., Trust of	250
Repairs to Sisson Hall	30
Report on Highlights of Campus Activities	263, 300, 334, 374, 585
Report on University's Investment Portfolio	51, 263, 303, 329, 375, 474, 510, 584, 633, 793
Republic Steel Corporation's Educational and Charitable Trust, Cleveland, Ohio	575
Research Corporation, New York, New York	357
Research Space, East Side of Stadium - Phase IV	32, 33
Resler Foundation (The) (Gift)	576
Resolution of Appreciation	466
Reynolds Metals Company	24
Riley, James R., Professorship in Transportation and Business Logistics	451
Rine, Paul E. (Sale of Property)	43
Roadway - River Dormitories to King Avenue	291
Robins, A. H., Co., Inc., Research Laboratories, Richmond, Virginia	241

Rochdale Student Cooperative, Inc.	286
Rockefeller Foundation (The), New York, New York	285
Rockefeller Foundation Fellows and Scholars	285
Roessler, Anna, Trust Under the Will of	
24, 251, 285, 320, 361, 451, 496, 575, 616, 777	
Roessler, Samuel J., Memorial Medical Scholarship Fund	
24, 251, 285, 320, 361, 451, 496, 575, 616, 777	
Rohm and Haas Company	253
Rohm & Haas Company Scholarship Fund	253
Rome Air Development Center, Griffiss Air Force Base, New York	234, 569
Roof Repairs - 1968	461, 780
Ross, Ed, Construction	780
Ross, Melvin D. (Gift)	253
Ross, Melvin D., Library Fund	253
Ross, Melvin D., Student Loan Fund	253
Ross, Richard M. (Gift)	254
ROTC Classroom Building Equipment	371
Royal School Laboratories, Richmond, Virginia	580
Royalties	255, 498, 617
Ruehle, Medard A. J., Memorial Award Fund (The)	575
<u>Rules for the University Faculty</u>	4, 275, 306, 307, 339-342, 344-347, 472, 562, 564, 589, 603

S

S & S Electric Co., Inc.	35, 36, 259, 289, 369
Sale of Property	42, 374
Salter, Herbert W., Fund for Family Medical Care	287
Salter, Herbert W., Sr., M. D. (Gift)	287
Sauer, Inc.	35, 258
Schmidt, Harry G. (Gifts)	458, 616
Schoenbaum, Alex (Gift)	459
Schoenbaum, Alex, Fund	459
Schooler, Seward D. (Gift)	498
School of Art Special Fund	254
Scott, Dorothy D., Scholarship Fund	778
Scott House	622
Scripps-Howard Foundation (The)	287
Scripps-Howard Foundation Scholarship Fund	287
Scudder, Stevens & Clark	262
Searle, G. D., & Company	251, 252, 320, 360, 455, 496, 777
Searle, G. D., & Company Fund for Research in Medicine	251, 252, 320, 360, 496, 777
Searle, G. D., Fund	455
Sears-Roebuck Foundation	319, 361
Sears-Roebuck Foundation Scholarship Fund	319
Seely, Howard Francis (Dr.) (Gift)	497
Seely, Howard Francis (Mrs.) (Enid H.) (Gift)	497
Self-Medication Study Fund in the College of Pharmacy	496
Service Center - Laundry	30
Setterlin, Ralph F., Sr., Fund	459
Setterlin, Robert W., & Co.	459
Setterlin, Robert W., & Sons Co.	33
Sheaf Construction Co.	259, 579
Shell Companies Foundation Fellowship Fund in Chemical Engineering	320
Shell Companies Foundation, Inc., New York, New York	320

Shepard, Arthur E. (Gift)	362
Shoe Corporation of America	576
Shoe Corporation of America Student Loan Fund	576
Sickles, Trent D., Scholarship Fund	452
Siebert Hall	622
Sinclair Graduate Fellowship in Organic Chemistry	24
Sinclair Oil Corporation Foundation	24
Sisson Hall - Remodeling of West Wing	462, 780
Skilken, Joseph and Helen, Foundation	321
Skilken, Joseph and Helen, Foundation (The) (Gift)	321
Sloan, Alfred P., Foundation, 630 Fifth Avenue, New York, New York 10020	449, 574
Sloan Foundation Scholarship Fund	574
Smith Hall	622
Smith, Kline & French Laboratories, Philadelphia, Pennsylvania	360, 615
Smith, Kline & French Laboratories Foundation Fund in the College of Pharmacy	615
Smith, Terry P., Inc.	34
Social and Behavioral Sciences, College of	274
Sonic Motors, Inc., Columbus, Ohio	285
South Bass Island, Light Station	2, 373
Spain, Margaret Kaufman (Mrs. John) (Gift)	459
Special Policemen Commissions	371
Special Research Facilities	290, 291
Speer, Julian, Company	258, 581
Sprinkling System Revisions	32
Squibb, E. R., and Sons	615
Stadium Dormitory General Scholarship and Development Fund	252
Stadium Dormitory Kitchen	578
Staker, Loren J.	323
Standard Oil Company, Chicago, Illinois	453
Starling-Loving Hall - Modernization of Electrical System	499, 780
State Library of Ohio, Columbus, Ohio	614
States Electric Co.	33, 258, 368, 370, 580
<u>Statutes Applying to the University, By-Laws of the Board of Trustees, and Rules for the University Faculty</u>	
Stauffer Chemical Company Chemistry Fellowship	252
Stauffer Chemical Company Foundation (The)	252
Steeb Hall	622
Steffan, James C. (Gift)	459
Stokely-Van Camp, Inc., Indianapolis, Indiana	611
Stradley Hall	622
Street Repairs for 1968	779
Stress Relief Engineering, Inc., Costa Mesa, California	616
Strike	295
Student Athlete Grant-in-Aid Fund	25, 252, 253, 320, 361, 363, 457
Student Health Facility	256, 503, 504, 619
Student Services Fee	480, 631
Studybaker, Sam (Dr.), Memorial Fund	778
Suburban Electric Co.	34
Suburban Motor Freight, Inc.	451
Sullivan, Chester O. (Gift)	459
Superior Roofing Company	780
Systems Engineering Building	291, 309
Systems Engineering Group, Aeronautical Systems Division, WPAFB, Ohio (Research Foundation Contracts)	232, 315, 567, 768

Systems Engineering Group, AFSC, Wright-Patterson Air Force Base, Ohio (Research Foundation Contracts)	10, 315, 355
Systems Engineering Group, Research and Technology Division, Wright- Patterson Air Force Base, Ohio (Research Foundation Contracts)	9, 11, 231-235, 279, 314-315, 444
Systems Engineering Group, Wright-Patterson Air Force Base, Ohio (Research Foundation Contracts)	356, 445

T

Taylor, Charles, Sons' Company (The)	575
Taylor, Charles, Sons' Company Fellowship in Ceramic Engineering (The)	575
Taylor Tower	622
Taylor Tower - Student Housing Building No. 10	31
Teaching English to Speakers of Other Languages	478
Technical Institutes, Community Colleges, and University Branches	464, 582
Thomford, Neil R. (Dr.) (Gift)	456
Thompson, Ronald W., Cleveland, Ohio (Gift)	320
Thompson, Ronald W., Fund for Engineering	320
Tiffin Scenic Studios, Inc.	503
Tilton, Earl M., Professorship in Mechanical Metallurgy	759, 778
Timken Roller Bearing Company, Canton, Ohio	492
Touche, Ross, Bailey & Smart	253
Trane Company Foundation, Inc. (The)	253
Trane Company Fund in Mechanical Engineering	253
Transfer of Property	373
Transfers	27, 260, 290-292, 323, 372
Transportation Research Center	291-293, 505
Travenol Laboratories, Inc.	778
Triplehorn, Charles A. (Gift)	454
Tuberculosis Hospital Remodeling	371
Tweed & Eriksson	466
2750th ABW-EWPB, Wright-Patterson Air Force Base, Ohio	13

U

Ullery, Vorys, Teteris, Neri & Associates, Inc.	251, 287, 320, 361, 451, 497
Union Carbide Company Scholarship Fund	24
Union Carbide Corporation, Tarrytown, New York	23, 286, 361, 777
Union Carbide Corporation Fellowship in Chemistry	23, 777
Union Carbide Corporation Fellowship in Chemical Engineering	23
Union Carbide Corporation Fellowship in Welding Engineering	361, 576, 777
Union Carbide Corporation Fund for Biochemistry and Molecular Biology	777
Union Carbide Corporation Fund in Mechanical Engineering	23, 777
Union Carbide Corporation, Linde Division	576
Union Carbide Corporation, Materials Systems Division	576
Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee	284, 447
Union Carbide Corporation, Plastics Division, New York, New York	244
Union Carbide Educational Fund	24
Union Commerce Bank Trust Company	459
Union Commerce Bank - Trust Department	576
Union Oil Company of California Foundation	576
Union Oil Petroleum Scholarship Fund in the Department of Chemical Engineering	576
United Health Foundation of Ashland	456
United Health Foundation of Central Stark County	575

United Health Foundation, Inc., New York, New York	575
U. S. Army Armor Center, Central Purchasing and Contracting Division, Fort Knox, Kentucky	230, 607
U. S. Army Edgewood Arsenal, Edgewood Arsenal, Maryland	314
U. S. Army Engineer, Research and Development Command, Fort Belvoir, Virginia	238, 239
U. S. Army, Harry Diamond Laboratories, Washington, D. C.	769
U. S. Army Medical Research and Development Command, Washington, D. C.	236, 281
U. S. Army Missile Command, Redstone Arsenal, Alabama	11
U. S. Army Research Office - Durham, Durham, North Carolina	10, 444-445
U. S. Atomic Energy Commission, Argonne, Illinois	8, 354, 356, 442, 486, 487, 489, 566, 607, 609, 765
U. S. Department of Agriculture, New Orleans, Louisiana	12
U. S. Department of Agriculture, Agricultural Research Service, Northern Utilization Research and Development Division, Peoria, Illinois	446
U. S. Department of Agriculture, Animal Husbandry Research Division, Beltsville, Maryland	234
U. S. Department of Agriculture, Forest Service, North Central Forest Experiment Station, St. Paul, Minnesota	445
U. S. Department of Commerce, National Bureau of Standards, Washington, D. C.	315
U. S. Department of Interior, Washington, D. C.	243, 244, 771
U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. 20242 (Grant)	776
U. S. Department of Interior, Federal Water Pollution Control Administration, Washington, D. C. (Research Foundation Contracts) 230, 239, 442, 491	13
U. S. Department of Interior, Fish and Wildlife Service, Washington, D. C.	568
U. S. Department of Labor, Office of Manpower, Policy, Evaluation and Research, Washington, D. C.	281
U. S. Department of Transportation, Federal Highway Administration, Washington, D. C.	771
U. S. Office of Education, Washington, D. C.	93
United States of America, State of Ohio, The Ohio State University Dormitory Revenue Note, Series 1967	285
United States Steel Foundation Fellowship Fund	285
United States Steel Foundation, Inc., 71 Broadway, New York, New York	497
Universal Oil Products Foundation, Des Plaines, Illinois	497
Universal Oil Products Company Scholarship Fund in Chemical Engineering University Airport	620, 621
University of Alabama, Huntsville Campus, Huntsville, Alabama	241, 284
University Branches and Academic Center	269
University College	274, 292, 437, 480
University College, Building No. 1	33, 291
University College, Building No. 2	292, 369, 464
University College - Utilities	365, 501, 582
University Drive - Marion	563
University Drive - Newark	437
University of Florida (The), Gainesville, Florida	319
University Hall	630, 786, 787
University History Series	475
University in a World at War (The)	475
University Hospital - Repairs to Intensive Care Unit	31
University Hospitals	332, 757
University of Kansas Research Center, Engineering Science Division, Lawrence, Kansas	318

University Print Shop - Phase II	36
University Printing Facility - Phase I	30
University Relations Discretionary Fund	456
University School Building Renovation	323
Upjohn Hall Remodeling (Child Psychiatry Clinic)	288, 366
Upjohn Company (The)	286
Upjohn Fellowship in Pharmaceutical Chemistry	286
Urban, Calabretta & Lewis	260

V

Valmont North Central, Inc.	287
Van de Graaff Laboratory Addition	462, 465, 581, 582
Veterinary Clinic and Hospital	290
Veterinary Medicine, College of	268
Vlack, Frank, Co., Inc.	500

W

Wagenbrenner Construction Co.	32, 36, 289, 367
Wallace, Sam P., Co., Dallas, Texas	580, 581
Warren-Teed Pharmaceuticals, Inc.	252
Warren-Teed Pharmaceuticals, Inc., Research Fund in the College of Pharmacy	252
Warner-Lambert Research Institute, Medical Division, Morris Plains, New Jersey	242
Washburn, Grace High, Trust	320, 496, 615
Washburn, Grace High, Trust Scholarship Fund (The)	320, 496, 615
Whelan, John A. and Claire G. (Purchase of Property)	465
Whelan Property (Purchase of Property)	465
Will, E. J., & Company	455
Wilson, Woodrow, National Fellowship Foundation	23
Withdrawal from Dividend Reserve on Group Life Insurance	464
Withrow, James R. (Dr.), Memorial Scholarship Fund	453
Wittwer, Pauline C. (Miss), Columbus, Ohio (Gift)	614
WOSU-TV Continuing Education Fund	778
Wright, George T. (Gift)	573
Wright Memorial Steel Castings Educational Fund (The)	574
Wright State Campus - Phase IV	578
Wright State Campus - Relocation of Laboratories and Offices	37
Wright State University	333, 334
Wright State University, Improvements, Equipment, and Contingencies	291

Y

Yassenoff Foundation, Inc.	576
Yassenoff, Leo (Purchase of Property)	261
Young, Clair W. (Gift)	576

Z

Zieg, Harold F. (Gifts)	287, 363
Zollinger, Robert M. (Dr.), Research Fund in the College of Medicine	496
Zoology and Entomology, Department of	436
Zuck, Emerson S. and Lucy J., Fund	361, 459
Zuck, Emerson S., Trust Under the Will of	361, 459

APPENDIXES

	Page
I	Degrees Conferred at The Ohio State University Commencement Convocation - September 1, 1967 . 133
II	Amendments to Certain <u>Rules for the University Faculty</u> . 337
III	Degrees Conferred at The Ohio State University Commencement Convocation - December 15, 1967 . 377
IV	Amendments to Constitution of The Ohio State University Development Fund 513
V	Degrees Conferred at The Ohio State University Commencement Convocation - March 15, 1968 . . 517
VI	Amendments to <u>Rules for the University Faculty</u> . . 587
VII	Memorandum of Agreement Between The Ohio State University and The Ohio State University Research Foundation 591
VIII	Degrees Conferred at The Ohio State University Commencement Convocation - June 7, 1968 . . 635